



# NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM

The New Jersey Department of Environmental Protection hereby grants you a NJPDES permit for the facility/activity named in this document. This permit is the regulatory mechanism used by the Department to help ensure your discharge will not harm the environment. By complying with the terms and conditions specified, you are assuming an important role in protecting New Jersey's valuable water resources. Your acceptance of this permit is an agreement to conform with all of its provisions when constructing, installing, modifying, or operating any facility for the collection, treatment, or discharge of pollutants to waters of the state. If you have any questions about this document, please feel free to contact the Department representative listed in the permit cover letter. Your cooperation in helping us protect and safeguard our state's environment is appreciated.

**Permit Number: NJ0062201**

**Final: Surface Water Renewal Permit Action**

**Permittee:**

Lower Alloways Creek Twp  
501 Locust Island Rd  
Hancocks Bridge, NJ 08038

**Co-Permittee:**

**Property Owner:**

Lower Alloways Creek Twp  
501 Locust Island Rd  
Hancocks Bridge, NJ 08038

**Location Of Activity:**

Canton Village Sewage Treatment Plant  
Main St  
Lower Alloways Creek Twp, NJ 08079

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
A-Sanitary Wastewater	4/26/2007	6/1/2007	5/31/2012

By Authority of:  
Commissioner's Office

**DEP AUTHORIZATION**  
Pilar Patterson, Chief  
Bureau of Point Source Permitting – Region 2  
Division of Water Quality

(Terms, conditions and provisions attached hereto)

Division of Water Quality

## PART I GENERAL REQUIREMENTS: NJPDES

### A. General Requirements of all NJPDES Permits

#### 1. Requirements Incorporated by Reference

- a. The permittee shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e. following, which are in effect as of the effective date of the final permit.
- b. General Conditions
  - Penalties for Violations N.J.A.C. 7:14-8.1 et seq.
  - Incorporation by Reference N.J.A.C. 7:14A-2.3
  - Toxic Pollutants N.J.A.C. 7:14A-6.2(a)4i
  - Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4
  - Duty to Mitigate N.J.A.C. 7:14A-6.2(a)5 & 11
  - Inspection and Entry N.J.A.C. 7:14A-2.11(e)
  - Enforcement Action N.J.A.C. 7:14A-2.9
  - Duty to Reapply N.J.A.C. 7:14A-4.2(e)3
  - Signatory Requirements for Applications and Reports N.J.A.C. 7:14A-4.9
  - Effect of Permit/Other Laws N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)
  - Severability N.J.A.C. 7:14A-2.2
  - Administrative Continuation of Permits N.J.A.C. 7:14A-2.8
  - Permit Actions N.J.A.C. 7:14A-2.7(c)
  - Reopener Clause N.J.A.C. 7:14A-6.2(a)10
  - Permit Duration and Renewal N.J.A.C. 7:14A-2.7(a) & (b)
  - Consolidation of Permit Process N.J.A.C. 7:14A-15.5
  - Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)
  - Fee Schedule N.J.A.C. 7:14A-3.1
  - Treatment Works Approval N.J.A.C. 7:14A-22 & 23
- c. Operation And Maintenance
  - Need to Halt or Reduce not a Defense N.J.A.C. 7:14A-2.9(b)
  - Proper Operation and Maintenance N.J.A.C. 7:14A-6.12
- d. Monitoring And Records
  - Monitoring N.J.A.C. 7:14A-6.5
  - Recordkeeping N.J.A.C. 7:14A-6.6
  - Signatory Requirements for Monitoring Reports N.J.A.C. 7:14A-6.9
- e. Reporting Requirements
  - Planned Changes N.J.A.C. 7:14A-6.7
  - Reporting of Monitoring Results N.J.A.C. 7:14A-6.8
  - Noncompliance Reporting
    - Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10 & 6.8(h)
    - Written Reporting N.J.A.C. 7:14A-6.10(c) & (d)
    - N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h)
  - Duty to Provide Information N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
  - Schedules of Compliance N.J.A.C. 7:14A-6.4
  - Transfer N.J.A.C. 7:14A-6.2(a)8 & 16.2

## PART II

# GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

### A. Additional Requirements Incorporated By Reference

#### 1. Requirements for Discharges to Surface Waters

- a. In addition to conditions in Part I of this permit, the conditions in this section are applicable to activities at the permitted location and are incorporated by reference. The permittee is required to comply with the regulations which are in effect as of the effective date of the final permit.
  - i. Surface Water Quality Standards N.J.A.C. 7:9B-1
  - ii. Water Quality Management Planning Regulations N.J.A.C. 7:15

### B. General Conditions

#### 1. Scope

- a. The issuance of this permit shall not be considered as a waiver of any applicable federal, state, and local rules, regulations and ordinances.

#### 2. Permit Renewal Requirement

- a. Permit conditions remain in effect and enforceable until and unless the permit is modified, renewed or revoked by the Department.
- b. Submit a complete permit renewal application: 180 days before the Expiration Date.

#### 3. Notification of Non-Compliance

- a. The permittee shall notify the Department of all non-compliance when required in accordance with N.J.A.C. 7:14A-6.10 by contacting the DEP HOTLINE at 1-877-WARNDEP (1-877-927-6337).
- b. The permittee shall submit a written report as required by N.J.A.C. 7:14A-6.10 within five days.

#### 4. Notification of Changes

- a. The permittee shall give written notification to the Department of any planned physical or operational alterations or additions to the permitted facility when the alteration is expected to result in a significant change in the permittee's discharge and/or residuals use or disposal practices including the cessation of discharge in accordance with N.J.A.C. 7:14A-6.7.
- b. Prior to any change in ownership, the current permittee shall comply with the requirements of N.J.A.C. 7:14A-16.2, pertaining to the notification of change in ownership.

#### 5. Access to Information

- a. The permittee shall allow an authorized representative of the Department, upon the presentation of credentials, to enter upon a person's premises, for purposes of inspection, and to access / copy any records that must be kept under the conditions of this permit.

## 6. Residuals Management

- a. The permittee shall comply with land-based sludge management criteria and shall conform with the requirements for the management of residuals and grit and screenings under N.J.A.C. 7:14A-6.15(a), which includes:
  - i. Standards for the Use or Disposal of Residual, N.J.A.C. 7:14A-20;
  - ii. Section 405 of the Federal Act governing the disposal of sludge from treatment works treating domestic sewage;
  - iii. The Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., and the Solid Waste Management Rules, N.J.A.C. 7:26;
  - iv. The Sludge Quality Assurance Regulations, N.J.A.C. 7:14C;
  - v. The Statewide Sludge Management Plan promulgated pursuant to the Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq., and the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.; and
  - vi. The provisions concerning disposal of sewage sludge and septage in sanitary landfills set forth at N.J.S.A. 13:1E-42 and the Statewide Sludge Management Plan.
  - vii. Residual that is disposed in a municipal solid waste landfill unit shall meet the requirements in 40 CFR Part 258 and/or N.J.A.C. 7:26 concerning the quality of residual disposed in a municipal solid waste landfill unit. (That is, passes the Toxicity Characteristic Leaching Procedure and does not contain "free liquids" as defined at N.J.A.C. 7:14A-1.2.)
- b. If any applicable standard for residual use or disposal is promulgated under section 405(d) of the Federal Act and Sections 4 and 6 of the State Act and that standard is more stringent than any limitation on the pollutant or practice in the permit, the Department may modify or revoke and reissue the permit to conform to the standard for residual use or disposal.
- c. The permittee shall make provisions for storage, or some other approved alternative management strategy, for anticipated downtimes at a primary residual management alternative. The permittee shall not be permitted to store residual beyond the capacity of the structural treatment and storage components of the treatment works. N.J.A.C. 7:14A-20.8(a) and N.J.A.C. 7:26 provide for the temporary storage of residuals for periods not exceeding six months, provided such storage does not cause pollutants to enter surface or ground waters of the State. The storage of residual for more than six months is not authorized under this permit. However, this prohibition does not apply to residual that remains on the land for longer than six months when the person who prepares the residual demonstrates that the land on which the residual remains is not a surface disposal site or landfill. The demonstration shall explain why residual must remain on the land for longer than six months prior to final use or disposal, discuss the approximate time period during which the residual shall be used or disposed and provide documentation of ultimate residual management arrangements. Said demonstration shall be in writing, be kept on file by the person who prepares residual, and submitted to the Department upon request.
- d. The permittee shall comply with the appropriate adopted District Solid Waste or Sludge Management Plan (which by definition in N.J.A.C. 7:14A-1.2 includes Generator Sludge Management Plans), unless otherwise specifically exempted by the Department.

- e. The preparer must notify and provide information necessary to comply with the N.J.A.C. 7:14A-20 land application requirements to the person who applies bulk residual to the land. This shall include, but not be limited to, the applicable recordkeeping requirements and certification statements of 40 CFR 503.17 as referenced at N.J.A.C. 7:14A-20.7(j).
- f. The preparer who provides biosolids to another person who further prepares the biosolids for application to the land must provide this person with notification and information necessary to comply with the N.J.A.C. 7:14A-20 land application requirements.
- g. Any person who prepares bulk residual in New Jersey that is applied to land in a State other than New Jersey shall comply with the requirement at N.J.A.C. 7:14A-20.7(b)1.ix and/or 20.7(b)1.x, as applicable, to provide written notice to the Department and to the permitting authority for the State in which the bulk residual is proposed to be applied.

#### 7. Operator Certification

- a. Pursuant to N.J.A.C. 7:10A-1.1 et seq. every wastewater system not exempt pursuant to N.J.A.C. 7:10A-1.1(b) requires a licensed operator. The operator of a system shall meet the Department's requirements pursuant to N.J.A.C. 7:10A-1.1 and any amendments. The name of the proposed operator, where required shall be submitted to the Department at the address below, in order that his/her qualifications may be determined prior to initiating operation of the treatment works.
  - i. Notifications shall be submitted to:  
NJDEP  
Examination and Licensing Unit  
P.O. Box 417  
Trenton, New Jersey 08625  
(609)777-1012
- b. The permittee shall notify the Department of any changes in licensed operator within two weeks of the change.

#### 8. Operation Restrictions

- a. The operation of a waste treatment or disposal facility shall at no time create: (a) a discharge, except as authorized by the Department in the manner and location specified in Part III of this permit; (b) any discharge to the waters of the state or any standing or ponded condition for water or waste, except as specifically authorized by a valid NJPDES permit.

## PART III LIMITS AND MONITORING REQUIREMENTS

**MONITORED LOCATION:** 001A SW Ourfall 001A      **RECEIVING STREAM:** Stow Creek      **STREAM CLASSIFICATION:** SE1(C2) - tidal trib to Zone 6      **DISCHARGE CATEGORY(IES):** A - Sanitary Wastewater

**Location Description**

The influent shall be monitored before any treatment, other than gritting, and before the addition of any internal waste streams. Effluent sampling for all parameters shall be at the last sampling port after final treatment at DSN001A which discharges into Stow Creek at Lat. 39 deg., 27 min., 45 sec. and Lon. 75 deg., 24 min., 10 sec via a tidally submerged pipe.

**Contributing Waste Types**

Sanitary

**Surface Water DMR Reporting Requirements:**

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDDP).

**Comments:**

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

**Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements**

**PHASE: 01 Interim      PHASE Start Date: 06/01/2007      PHASE End Date: 05/31/2010**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Units	Frequency	Sample Type
Flow, In Conduit or Thru Treatment Plant	Effluent Gross Value	REPORT Monthly Average	*****	MGD	*****	*****		Continuous	Continuous
	QL	***	***						
January thru December BOD, 5-Day (20 oC)	Raw Sew/Influent	*****	*****	*****	REPORT Monthly Average	REPORT Weekly Average	MG/L	2/Month	4 Hour Composite
	QL	***	***						
January thru December BOD, 5-Day (20 oC)	Effluent Gross Value	4.8 Monthly Average	7.1 Weekly Average	KG/DAY	*****	37.5 Weekly Average	MG/L	2/Month	4 Hour Composite
	QL	***	***						
January thru December BOD, 5-Day (20 oC)	Percent Removal	*****	*****	*****	85 Monthly Av Minimum	*****	PERCENT	2/Month	Calculated
	QL	***	***						

**Surface Water DMR Reporting Requirements:**

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

**Comments:**

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

**Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements**

PHASE: 01 Interim PHASE Start Date: 06/01/2007 PHASE End Date: 05/31/2010

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Units	Limit	Limit	Units	Frequency	Sample Type
pH	Raw Sew/influent	*****	*****	*****	REPORT Report Per Minimum	*****	*****	REPORT Report Per Maximum	SU	SU	1/Day	Grab
	QL	***	***	*****	***	***	*****	***	***	***		
pH	Effluent Gross Value	*****	*****	*****	6.0 Report Per Minimum	*****	*****	9.0 Report Per Maximum	SU	SU	1/Day	Grab
	QL	***	***	*****	***	***	*****	***	***	***		
Solids, Total Suspended	Raw Sew/influent	*****	*****	*****	*****	*****	*****	REPORT Monthly Average	MG/L	MG/L	2/Month	4 Hour Composite
	QL	***	***	*****	***	***	*****	REPORT Weekly Average	MG/L	MG/L	2/Month	4 Hour Composite
Solids, Total Suspended	Effluent Gross Value	5.7 Monthly Average	8.5 Weekly Average	KG/DAY	*****	*****	*****	30 Monthly Average	45 Weekly Average	MG/L	2/Month	4 Hour Composite
	QL	***	***	*****	***	***	*****	***	***	***		
Solids, Total Suspended	Percent Removal	*****	*****	*****	85 Monthly Av Minimum	*****	*****	*****	PERCENT	PERCENT	2/Month	Calculated
	QL	***	***	*****	***	***	*****	***	***	***		
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	*****	10 Monthly Average	15 Instant Maximum	MG/L	1/Quarter	Grab
	QL	***	***	*****	***	***	*****	***	***	***		
Nitrogen, Ammonia Total (as N)	Effluent Gross Value	6.6 Monthly Average	REPORT Daily Maximum	KG/DAY	*****	*****	*****	35 Monthly Average	REPORT Daily Maximum	MG/L	2/Month	4 Hour Composite
	QL	***	***	*****	***	***	*****	***	***	***		

**Surface Water DMR Reporting Requirements:**

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

**Comments:**

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

**Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements**

PHASE: 01 Interim PHASE Start Date: 06/01/2007 PHASE End Date: 05/31/2010

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Limit	Frequency	Sample Type
Enterococci	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	REPORT Monthly Geo Avg	REPORT Instant Maximum	5/Month	Grab
	QL	***	***						***	***		
Coliform, Fecal General	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	REPORT Monthly Geo Avg	400 Weekly Geometric	1/Month	Grab
	QL	***	***						***	***		
January thru December	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	REPORT Per Minimum	*****	1/6 Months	Composite
	QL	***	***						***	***		
Chlorine Produced Oxidants	Effluent Gross Value	REPORT Monthly Average	REPORT Daily Maximum	KG/DAY	*****	*****	*****	*****	REPORT Monthly Average	1.0 Daily Maximum	1/Day	Grab
	MDL	0.02	0.02						0.1	0.1		
January thru December	Raw Sew/Influent	*****	*****	*****	*****	*****	*****	*****	REPORT Monthly Average	REPORT Per Minimum	1/Day	Grab
	QL	***	***						***	***		
Temperature, oC	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	REPORT Monthly Average	REPORT Per Minimum	1/Day	Grab
	QL	***	***						***	***		
January thru December	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	REPORT Monthly Average	5.0 Weekly Av Minimum	2/Month	Grab
	QL	***	***						***	***		
Oxygen, Dissolved (DO)	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	2/Month	Grab
	QL	***	***						***	***		
January thru December	QL	***	***						***	***		

**Surface Water DMR Reporting Requirements:**

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

**Comments:**

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

**Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements**

PHASE: 01 Interim PHASE Start Date: 06/01/2007 PHASE End Date: 05/31/2010

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Limit	Frequency	Sample Type
1,2-Dichloroethane	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	1/Quarter	Grab
	RQL	***	***							1.0		
Tetrachloroethylene	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	1/Quarter	Grab
	RQL	***	***							1.0		
January thru December Trichloroethene	Effluent Gross Value	*****	*****	*****	*****	*****	*****	*****	*****	*****	1/Quarter	Grab
	RQL	***	***							1.0		
January thru December	RQL	***	***							1.0		

**Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements**

PHASE: 02 Final PHASE Start Date: 06/01/2010 PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Limit	Frequency	Sample Type
Flow, In Conduit or Thru Treatment Plant	Effluent Gross Value	REPORT Monthly Average	REPORT Daily Maximum	MGD	*****	*****	*****	*****	*****	*****	Continuous	Continuous
	QL	***	***							***		
January thru December BOD, 5-Day (20 oC)	Raw Sew/influent	*****	*****	*****	*****	*****	*****	*****	*****	*****	2/Month	4 Hour Composite
	QL	***	***							***		

**Surface Water DMR Reporting Requirements:**

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

**Comments:**

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

**Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements**

**PHASE: 02Final**      **PHASE Start Date: 06/01/2010**      **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Limit	Frequency	Sample Type
BOD, 5-Day (20 oC)	Effluent Gross Value	4.8 Monthly Average ***	7.1 Weekly Average ***	KG/DAY	*****	*****	25 Monthly Average ***	MG/L	37.5 Weekly Average ***	2/Month	4 Hour Composite	
	QL	***	***									
BOD, 5-Day (20 oC)	Percent Removal	*****	*****	*****	85 Monthly Av Minimum ***	*****	*****	PERCENT	*****	2/Month	Calculated	
	QL	***	***									
January thru December	Raw Sew/influent	*****	*****	*****	REPORT Report Per Minimum ***	*****	*****	SU	REPORT Report Per Maximum ***	1/Day	Grab	
	QL	***	***									
January thru December	Effluent Gross Value	*****	*****	*****	6.0 Report Per Minimum ***	*****	*****	SU	9.0 Report Per Maximum ***	1/Day	Grab	
	QL	***	***									
January thru December	Raw Sew/influent	*****	*****	*****	*****	*****	*****	MG/L	REPORT Report Per Maximum ***	2/Month	4 Hour Composite	
	QL	***	***									
January thru December	Effluent Gross Value	5.7 Monthly Average ***	8.5 Weekly Average ***	KG/DAY	*****	*****	30 Monthly Average ***	MG/L	45 Weekly Average ***	2/Month	4 Hour Composite	
	QL	***	***									
January thru December	Percent Removal	*****	*****	*****	85 Monthly Av Minimum ***	*****	*****	PERCENT	*****	2/Month	Calculated	
	QL	***	***									

**Surface Water DMR Reporting Requirements:**

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

**Comments:**

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

**Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements**

**PHASE: 02Final PHASE Start Date: 06/01/2010 PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Oil and Grease	Effluent Gross Value	****	****	****	****	****	****	****	****	10 Monthly Average	15 Daily Maximum	MG/L	1/Quarter	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	***
Nitrogen, Ammonia Total (as N)	Effluent Gross Value	6.6 Monthly Average	REPORT Daily Maximum	KG/DAY	****	****	****	****	35 Monthly Average	REPORT Daily Maximum	REPORT Daily Maximum	MG/L	2/Month	4 Hour Composite
	QL	***	***	***	***	***	***	***	***	***	***	***	***	***
January thru December Enterococci	Effluent Gross Value	****	****	****	****	****	****	****	****	REPORT Monthly Geo Avg	REPORT Instant Maximum	#/100ML	5/Month	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	***
January thru December Coliform, Fecal General	Effluent Gross Value	****	****	****	****	****	****	****	200 Monthly Geo Avg	400 Weekly Geometric	400 Weekly Geometric	#/100ML	1/Month	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	***
January thru December LC50 Stare 96hr Acu Mysid Bahia	Effluent Gross Value	****	****	****	****	****	****	****	50 Report Per Minimum	Report Per Minimum	Report Per Minimum	%EFFL	1/6 Months	Composite
	QL	***	***	***	***	***	***	***	***	***	***	***	***	***
January thru December Chlorine Produced Oxidants	Effluent Gross Value	0.02 Monthly Average	0.05 Daily Maximum	KG/DAY	****	****	****	****	0.11 Monthly Average	0.27 Daily Maximum	0.27 Daily Maximum	MG/L	1/Day	Grab
	MDL	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.1	0.1	0.1	0.1	0.1	0.1
January thru December Temperature, oC	Raw Sew/influent	****	****	****	****	****	****	****	REPORT Monthly Average	REPORT Monthly Average	REPORT Monthly Average	DEG.C	1/Day	Grab
	QL	***	***	***	***	***	***	***	***	***	***	***	***	***
January thru December	QL	***	***	***	***	***	***	***	***	***	***	***	***	***

**Surface Water DMR Reporting Requirements:**

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

**Comments:**

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

**Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements**

**PHASE: 02Final PHASE Start Date: 06/01/2010 PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Limit	Frequency	Sample Type
Temperature, oC	Effluent Gross Value	*****	*****	*****	REPORT Report Per Minimum	REPORT Monthly Average	REPORT Report Per Maximum	DEG.C	1/Day	Grab		
	QL	***	***	*****	***	***	***					
Oxygen, Dissolved (DO)	Effluent Gross Value	*****	*****	*****	*****	Weekly Av Minimum	*****	MG/L	2/Month	Grab		
	QL	***	***	*****	***	***	***					
1,2-Dichloroethane	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	Grab		
	RQL	***	***	*****	***	***	1.0					
January thru December Tetrachloroethylene	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	Grab		
	RQL	***	***	*****	***	***	1.0					
January thru December Trichloroethene	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	Grab		
	RQL	***	***	*****	***	***	1.0					
January thru December	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	Grab		
	RQL	***	***	*****	***	***	1.0					

**Surface Water WCR - Semi Annual Reporting Requirements:**

Submit a Semi-Annual WCR: annually, beginning 36 months from the effective date of this document.

**Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements**

**PHASE: Final**      **PHASE Start Date: 06/01/2007**      **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Manganese, Total Recoverable	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Cyanide, Total (as CN)	Effluent Gross Value	REPORT RQL = 40	UG/L	Grab	January thru December
Arsenic, Total Recoverable (as As)	Effluent Gross Value	REPORT RQL = 8	UG/L	24 Hour Composite	January thru December
Selenium, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Thallium, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Nickel, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Silver, Total Recoverable	Effluent Gross Value	REPORT RQL = 2	UG/L	24 Hour Composite	January thru December
Zinc, Total Recoverable	Effluent Gross Value	REPORT RQL = 30	UG/L	24 Hour Composite	January thru December
Cadmium, Total Recoverable	Effluent Gross Value	REPORT RQL = 4	UG/L	24 Hour Composite	January thru December
Lead, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Chromium, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Copper, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Chromium, Hexavalent Dissolved (as Cr)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Antimony, Total Recoverable	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Mercury Total Recoverable	Effluent Gross Value	REPORT RQL = 1	UG/L	24 Hour Composite	January thru December

**Surface Water WCR - Semi Annual Reporting Requirements:**

Submit a Semi-Annual WCR: annually, beginning 36 months from the effective date of this document.

**Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements****PHASE: Final PHASE Start Date: 06/01/2007 PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Anthracene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Benzo(b)fluoranthene (3,4-benzo)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Benzo(k)fluoranthene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Benzo(a)pyrene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Bis(2-chloroethyl) ether	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Bis (2-chloroiso- propyl) ether	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Butyl benzyl phthalate	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Chrysene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Diethyl phthalate	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Dimethyl phthalate	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
1,2-Diphenyl- hydrazine	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Fluoranthene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Fluorene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Hexachlorocyclo- pentadiene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Hexachloroethane	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December

**Surface Water WCR - Semi Annual Reporting Requirements:**

Submit a Semi-Annual WCR: annually, beginning 36 months from the effective date of this document.

**Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements****PHASE: Final**      **PHASE Start Date: 06/01/2007**      **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Indeno(1,2,3-cd)-pyrene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Isophorone	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
N-nitrosodiphenyl-amine	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
N-nitrosodimethyl-amine	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Nitrobenzene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Pyrene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Benzo(a)anthracene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
1,2-Dichlorobenzene	Effluent Gross Value	REPORT RQL = 9	UG/L	24 Hour Composite	January thru December
1,2,4-Trichloro-benzene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Dibenzo(a,h)anthracene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
1,3-Dichlorobenzene	Effluent Gross Value	REPORT RQL = 9	UG/L	24 Hour Composite	January thru December
1,4-Dichlorobenzene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
2,4-Dinitrotoluene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
3,3'-Dichloro-benzidine	Effluent Gross Value	REPORT RQL = 60	UG/L	24 Hour Composite	January thru December
Bis(2-ethylhexyl)phthalate	Effluent Gross Value	REPORT RQL = 30	UG/L	24 Hour Composite	January thru December

**Surface Water WCR - Semi Annual Reporting Requirements:**

Submit a Semi-Annual WCR: annually, beginning 36 months from the effective date of this document.

**Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements****PHASE: Final**      **PHASE Start Date: 06/01/2007**      **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Di-n-butyl phthalate	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Benzidine	Effluent Gross Value	REPORT RQL = 50	UG/L	24 Hour Composite	January thru December
Malathion	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Demeton	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Hexachlorobenzene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Hexachlorobutadiene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Mirex	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
1,3-Dichloropropene	Effluent Gross Value	REPORT RQL = 7	UG/L	Grab	January thru December
1,2,4,5-Tetrachloro- benzene	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Carbon Tetrachloride	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
1,2-Dichloroethane	Effluent Gross Value	REPORT RQL = 3	UG/L	Grab	January thru December
Bromoform	Effluent Gross Value	REPORT RQL = 8	UG/L	Grab	January thru December
Chloroform	Effluent Gross Value	REPORT RQL = 5	UG/L	Grab	January thru December
Toluene	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Benzene	Effluent Gross Value	REPORT RQL = 7	UG/L	Grab	January thru December

**Surface Water WCR - Semi Annual Reporting Requirements:**

Submit a Semi-Annual WCR: annually, beginning 36 months from the effective date of this document.

**Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements****PHASE: Final**      **PHASE Start Date: 06/01/2007**      **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Acrolein	Effluent Gross Value	REPORT RQL = 50	UG/L	Grab	January thru December
Acrylonitrile	Effluent Gross Value	REPORT RQL = 50	UG/L	Grab	January thru December
Chlorobenzene	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Chlorodibromomethane	Effluent Gross Value	REPORT ROL = 6	UG/L	Grab	January thru December
Ethylbenzene	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Methyl Bromide	Effluent Gross Value	REPORT RQL = 9	UG/L	Grab	January thru December
Methylene Chloride	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Tetrachloroethylene	Effluent Gross Value	REPORT RQL = 9	UG/L	Grab	January thru December
1,1-Dichloroethylene	Effluent Gross Value	REPORT ROL = 6	UG/L	Grab	January thru December
1,1,2-Trichloro-ethane	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
1,1,2,2-Tetrachloro-ethane	Effluent Gross Value	REPORT RQL = 10	UG/L	Grab	January thru December
Bromodichloromethane	Effluent Gross Value	REPORT ROL = 5	UG/L	Grab	January thru December
Vinyl Chloride	Effluent Gross Value	REPORT RQL = 10	UG/L	Grab	January thru December
Trichloroethylene	Effluent Gross Value	REPORT ROL = 5	UG/L	Grab	January thru December
Methoxychlor	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December

**Surface Water WCR - Semi Annual Reporting Requirements:**

Submit a Semi-Annual WCR: annually, beginning 36 months from the effective date of this document.

**Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements****PHASE: Final      PHASE Start Date: 06/01/2007      PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
2,4,5-Trichloro-phenol	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Endosulfan Sulfate	Effluent Gross Value	REPORT ROL = 0.08	UG/L	24 Hour Composite	January thru December
Beta Endosulfan	Effluent Gross Value	REPORT ROL = 0.04	UG/L	24 Hour Composite	January thru December
Alpha Endosulfan	Effluent Gross Value	REPORT ROL = 0.02	UG/L	24 Hour Composite	January thru December
Endrin Aldehyde	Effluent Gross Value	REPORT ROL = 0.1	UG/L	24 Hour Composite	January thru December
PCB-1016 (Arochlor 1016)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
4,4'-DDT (p,p'-DDT)	Effluent Gross Value	REPORT ROL = 0.06	UG/L	24 Hour Composite	January thru December
4,4'-DDDD (p,p'-DDD)	Effluent Gross Value	REPORT ROL = 0.04	UG/L	24 Hour Composite	January thru December
4,4'-DDE (p,p'-DDE)	Effluent Gross Value	REPORT ROL = 0.04	UG/L	24 Hour Composite	January thru December
Aldrin	Effluent Gross Value	REPORT ROL = 0.04	UG/L	24 Hour Composite	January thru December
Alpha BHC	Effluent Gross Value	REPORT ROL = 0.02	UG/L	24 Hour Composite	January thru December
Beta BHC	Effluent Gross Value	REPORT ROL = 0.04	UG/L	24 Hour Composite	January thru December
Gamma BHC (lindane),	Effluent Gross Value	REPORT ROL = 0.03	UG/L	24 Hour Composite	January thru December
Chlordane	Effluent Gross Value	REPORT ROL = 0.2	UG/L	24 Hour Composite	January thru December

**Surface Water WCR - Semi Annual Reporting Requirements:**

Submit a Semi-Annual WCR: annually, beginning 36 months from the effective date of this document.

**Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements****PHASE: Final**      **PHASE Start Date: 06/01/2007**      **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Dieldrin	Effluent Gross Value	REPORT RQL = 0.03	UG/L	24 Hour Composite	January thru December
Endosulfans, Total (alpha and beta)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Endrin	Effluent Gross Value	REPORT RQL = 0.04	UG/L	24 Hour Composite	January thru December
Toxaphene	Effluent Gross Value	REPORT RQL = 1	UG/L	24 Hour Composite	January thru December
Heptachlor	Effluent Gross Value	REPORT RQL = 0.02	UG/L	24 Hour Composite	January thru December
Heptachlor Epoxide	Effluent Gross Value	REPORT RQL = 0.4	UG/L	24 Hour Composite	January thru December
PCB-1221 (Arochlor 1221)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1232 (Arochlor 1232)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1242 (Arochlor 1242)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1248 (Arochlor 1248)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1254 (Arochlor 1254)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1260 (Arochlor 1260)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Polychlorinated Biphenyls (PCBs)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Chlorpyrifos	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
2-Chlorophenol	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December

**Surface Water WCR - Semi Annual Reporting Requirements:**

Submit a Semi-Annual WCR: annually, beginning 36 months from the effective date of this document.

**Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements**

**PHASE: Final**      **PHASE Start Date: 06/01/2007**      **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
2,4-Dichlorophenol	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
2,4-Dinitrophenol	Effluent Gross Value	REPORT RQL = 40	UG/L	24 Hour Composite	January thru December
2,4,6-Trichloro-phenol	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
4,6-Dinitro-o-cresol	Effluent Gross Value	REPORT RQL = 60	UG/L	24 Hour Composite	January thru December
Phenol	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Single Compound	Effluent Gross Value	REPORT RQL = 30	UG/L	24 Hour Composite	January thru December
Pentachlorophenol	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Pentachlorobenzene	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Sulfide-Hydrogen Sulfide(undissociat)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Guthion	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December

**MONITORED LOCATION:**

SL1A SQAR-Sludge Storage Tank

**DISCHARGE CATEGORY(IES):**

A - Sanitary Wastewater

**Location Description**

SQAR samples shall be collected on the sludge removed from the sludge storage tank. Samples shall be representative of the sludge leaving the treatment plant for use or disposal.

**Contributing Waste Types**

Dom Residual-Other

**Residuals DMR Reporting Requirements:**

Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

**Table III - B - 1: Residuals DMR Limits and Monitoring Requirements**

**PHASE: Final**      **PHASE Start Date: 06/01/2007**      **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Units	Limit	Limit	Units	Frequency	Sample Type
Solids, Total	Residuals	*****	*****	*****	*****	REPORT Monthly Average	%TS	*****	*****	1/Year	Composite	
	QL	***	***			***		***				
Nitrate Nitrogen, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	MG/KG	*****	*****	1/Year	Composite	
	QL	***	***			***		***				
January thru December Nitrogen, Kjeldahl Total, Dry Wt	Residuals	*****	*****	*****	*****	REPORT Monthly Average	MG/KG	*****	*****	1/Year	Composite	
	QL	***	***			***		***				
January thru December Potassium Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	MG/KG	*****	*****	1/Year	Composite	
	QL	***	***			***		***				
January thru December	QL	***	***			***		***				

**Residuals DMR Reporting Requirements:**

Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

**Table III - B - 1: Residuals DMR Limits and Monitoring Requirements**  
 PHASE: Final PHASE Start Date: 06/01/2007 PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Nitrogen, Ammonia Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
	QL	***	***			***	***			
Calcium Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
	QL	***	***			***	***			
Molybdenum Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
	QL	***	***			***	***			
Phosphorus Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
	QL	***	***			***	***			
Arsenic, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
	QL	***	***			***	***			
Selenium, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
	QL	***	***			***	***			
Copper, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
	QL	***	***			***	***			
January thru December		***	***			***	***			

**Residuals DMR Reporting Requirements:**

Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

**Table III - B - 1: Residuals DMR Limits and Monitoring Requirements**

**PHASE: Final PHASE Start Date: 06/01/2007 PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Limit	Limit	Frequency	Sample Type
Beryllium Dry Weight	Residuals	****	****	****	****	REPORT Monthly Average	****	MG/KG	****	****	1/Year	Composite
	January thru December	***	***			***	***		***	***		
Cadmium, Dry Weight	Residuals	****	****	****	****	REPORT Monthly Average	****	MG/KG	****	****	1/Year	Composite
	January thru December	***	***			***	***		***	***		
Zinc, Dry Weight	Residuals	****	****	****	****	REPORT Monthly Average	****	MG/KG	****	****	1/Year	Composite
	January thru December	***	***			***	***		***	***		
Lead, Dry Weight	Residuals	****	****	****	****	REPORT Monthly Average	****	MG/KG	****	****	1/Year	Composite
	January thru December	***	***			***	***		***	***		
Nickel, Dry Weight	Residuals	****	****	****	****	REPORT Monthly Average	****	MG/KG	****	****	1/Year	Composite
	January thru December	***	***			***	***		***	***		
Mercury, Dry Weight	Residuals	****	****	****	****	REPORT Monthly Average	****	MG/KG	****	****	1/Year	Composite
	January thru December	***	***			***	***		***	***		

**Residuals DMR Reporting Requirements:**

Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

**Table III - B - 1: Residuals DMR Limits and Monitoring Requirements**

PHASE: Final PHASE Start Date: 06/01/2007 PHASE End Date:

Parameter	Sample Point	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Chromium, Dry Weight	Residuals	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
	January thru December	QL	***	***	***	***			

**Residuals WCR - Annual Reporting Requirements:**

Submit an Annual WCR: due 60 calendar days after the end of each calendar year.

**Table III - B - 3: Residuals WCR - Annual Limits and Monitoring Requirements**

PHASE: Final PHASE Start Date: 06/01/2007 PHASE End Date:

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Sludge Landfilled	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Land Applied	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Disposed Out-of-State	Residuals	REPORT	DMT/YR	Calculated	January thru December
Amt Sludge Rmvd, Wet Cubic Yards	Residuals	REPORT	WCY/YR	Calculated	January thru December

**Residuals WCR - Annual Reporting Requirements:**

Submit an Annual WCR: due 60 calendar days after the end of each calendar year.

**Table III - B - 3: Residuals WCR - Annual Limits and Monitoring Requirements****PHASE: Final      PHASE Start Date: 06/01/2007      PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Amt Sludge Rmvd, Wet Metric Tons	Residuals	REPORT	WMT/YR	Calculated	January thru December
Amt Sludge Rmvd, Gallons	Residuals	REPORT	GAL/YEAR	Calculated	January thru December
Sludge Bene Use Out-of-State	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Surface Disposed	Residuals	REPORT	DMT/YR	Calculated	January thru December
Total Amount of Sludge Removed	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Incinerated	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Disposed- Other Methods	Residuals	REPORT	DMT/YR	Calculated	January thru December
Solids, Total	Residuals	REPORT	%TS	Composite	January thru December

**Residuals Transfer Reporting Requirements:**

Submit an Annual RTR: due 60 calendar days after the end of each calendar year.

## PART IV

### SPECIFIC REQUIREMENTS: NARRATIVE

#### Sanitary Wastewater

#### A. MONITORING REQUIREMENTS

##### 1. Standard Monitoring Requirements

- a. Each analysis required by this permit shall be performed by a New Jersey Certified Laboratory that is certified to perform that analysis.
- b. The Permittee shall perform all water/wastewater analyses in accordance with the analytical test procedures specified in 40 CFR 136, unless other test procedures have been approved by the Department in writing or as otherwise specified in the permit.
- c. The permittee shall utilize analytical methods that will ensure compliance with the Quantification Levels (QLs) listed in PART III. QLs include, but are not limited to, Recommended Quantification Levels (RQLs) and Method Detection Levels (MDLs). If the permittee and/or contract laboratory determines that the QLs achieved for any pollutant(s) generally will not be as sensitive as the QLs specified in PART III, the permittee must submit a justification of such to the Bureau of Point Source Permitting Region 2. For limited parameters with no QL specified, the sample analysis shall use a detection level at least as sensitive as the effluent limit.
- d. All sampling shall be conducted in accordance with the Department's Field Sampling Procedures Manual, or an alternate method approved by the Department in writing.
- e. All monitoring shall be conducted as specified in Part III.
- f. All sample frequencies expressed in Part III are minimum requirements. Any additional samples taken consistent with the monitoring and reporting requirements contained herein shall be reported on the Monitoring Report Forms.
- g. Annual and semi-annual wastewater testing shall be conducted in a different quarter of each year so that tests are conducted in each of the four permit quarters of the permit cycle. Testing may be conducted during any month of the permit quarters.
- h. Monitoring for Wastewater Characterization Report parameters shall be conducted concurrently with the Whole Effluent Toxicity (WET) monitoring, when feasible.
- i. Any influent and effluent sampling for toxic pollutant analyses shall be collected concurrently.
- j. The permittee shall perform all residual analyses in accordance with the analytical test procedures specified in 40 CFR 503.8 and the Sludge Quality Assurance Regulations (N.J.A.C. 7:14C) unless other test procedures have been approved by the Department in writing or as otherwise specified in the permit.
- k. The Enterococci sample collection shall be a minimum of five (5) samples per month. Each month that Enterococci is sampled, the permittee shall conduct split sample analyses with Fecal Coliform. The split sample analyses shall be conducted, at a minimum, at the same sampling frequency required for Fecal Coliform during that month.

#### B. RECORDKEEPING

### 1. Standard Recordkeeping Requirements

- a. The permittee shall retain records of all monitoring information, including 1) all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation (if applicable), 2) copies of all reports required by this NJPDES permit, 3) all data used to complete the application for a NJPDES permit, and 4) monitoring information required by the permit related to the permittee's residual use and/or disposal practices, for a period of at least 5 years, or longer as required by N.J.A.C. 7:14A-20, from the date of the sample, measurement, report, application or record.
- b. Records of monitoring information shall include 1) the date, locations, and time of sampling or measurements, 2) the individual(s) who performed the sampling or measurements, 3) the date(s) the analyses were performed, 4) the individual(s) who performed the analyses, 5) the analytical techniques or methods used, and 6) the results of such analyses.

## C. REPORTING

### 1. Standard Reporting Requirements

- a. The permittee shall submit all required monitoring results to the Department on the forms provided to them. The Monitoring Report Forms (MRFs) may be provided to the permittee in either a paper format or in an electronic file format. Unless otherwise noted, all requirements below pertain to both paper and electronic formats.
- b. Any MRFs in paper format shall be submitted to the following addresses:
  - i. NJDEP  
Division of Water Quality  
Bureau of Permit Management  
P.O. Box 029  
Trenton, New Jersey 08625-0029
  - ii. Delaware River Basin Commission (DRBC)  
P. O. Box 7360  
West Trenton, New Jersey 08628
  - iii. (if requested by the Water Compliance and Enforcement Bureau)  
NJDEP: Southern Bureau of Water Compliance and Enforcement  
One Port Center  
2 Riverside Drive, Suite 201  
Camden, New Jersey 08103
- c. Any electronic data submission shall be in accordance with the guidelines and provisions outlined in the Department's Electronic Data Interchange (EDI) agreement with the permittee. Paper copies must be available for on-site inspection by DEP personnel or provided to the DEP upon written request.
- d. All monitoring report forms shall be certified by the highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility.
- e. The highest ranking official may delegate responsibility to certify the monitoring report forms in his or her absence. Authorizations for other individuals to sign shall be made in accordance with N.J.A.C. 7:14A-4.9(b).
- f. Monitoring results shall be submitted in accordance with the current Discharge Monitoring Report Manual and any updates thereof.

- g. If monitoring for a parameter is not required in a monitoring period, the permittee must report "CODE=N" for that parameter.
- h. If there are no discharge events during an entire monitoring period, the permittee must notify the Department when submitting the monitoring results. This is accomplished by placing a check mark in the "No Discharge this monitoring period" box on the paper or electronic version of the monitoring report submittal form.

## **D. SUBMITTALS**

### **1. Standard Submittal Requirements**

- a. The permittee shall prepare/update the Operation and Maintenance (O&M) Manual including an emergency plan in accordance with requirements of N.J.A.C. 7:14A-6.12(c).
- b. Submit a certification that an Operations and Maintenance (O&M) Manual has been prepared: within 90 days from the effective date of the permit (EDP).
- c. The permittee shall amend the Operation & Maintenance Manual whenever there is a change in the treatment works design, construction, operations or maintenance which substantially changes the treatment works operations and maintenance procedures.

### **2. Compliance Schedule Progress Reports**

- a. In accordance with N.J.A.C. 7:14A-6.4(a), a schedule of compliance has been included for chlorine produced oxidants and acute whole effluent toxicity (WET), including interim deadlines for annual progress reports that outline the progress towards compliance with the conditions of the permit.
  - i. Submit a Compliance Schedule Progress Report: within 12 months from the effective date of the permit (EDP).
  - ii. Submit a Compliance Schedule Progress Report: within 24 months from the effective date of the permit (EDP).
- b. The compliance schedule progress report(s) shall be submitted to the following Departmental entities:
  - i. NJDEP: Division of Water Quality  
Bureau of Point Source Permitting Region 2  
P.O. Box 029  
Trenton, New Jersey 08625.
  - ii. NJDEP: Southern Bureau of Water Compliance and Enforcement  
One Port Center  
2 Riverside Drive, Suite 201  
Camden, New Jersey 08103

### **3. Enterococci and Fecal coliform split sample report**

- a. The permittee shall submit to the Department both hardcopy and electronic version of the Enterococci and Fecal Coliform split sample data summary report including the dates the samples were taken along with the renewal application forms. The data submitted in the electronic version shall be provided in a spread sheet format (i.e. Microsoft Excel, Microsoft Access, etc.) and submitted on a 3.5" diskette or CD-Rom.

### **4. Dilution Studies**

- a. The permittee shall determine, the critical instream waste concentration (IWC) for the discharge from the facility into the receiving water utilizing applicable scientific methods, including, but not limited to, plume models, and may include field verification. The following USEPA plume models are readily available from NTIS and are acceptable for compliance with this item:
  1. PLUME
  2. OUTPLM
  3. DKHDEN
  4. MERGE
  5. LINE
  6. PDS
  7. PDSM
  8. MOBEM
  9. PSY
  10. CORMIX 1, 2 and 3CORMIX 1, 2, and 3 are available from the Center for Exposure Assessment Modeling, USEPA Region IV, Athens, Georgia. The remaining models are available from NTIS. Use of other models may not be acceptable and would require prior approval from NJDEP.
- b. Submit a Dilution Study Workplan: within 12 months from the effective date of the permit (EDP).
  - i. Prior to the submission of the work plan, the permittee may request in writing that the Department do the required dilution analysis. However, the permittee will be required to collect and submit the necessary information needed as inputs for the Department's analysis on or before the submission date of the work plan (i.e. EDP + 6 months). This information may be submitted to the Department in lieu of the required work plan. However, if this information is not submitted to the Department by the appropriate date, a complete work plan must be submitted on or before that date.
- c. Submit the Dilution Study Final Report: within 18 months from the effective date of the permit (EDP).

## E. FACILITY MANAGEMENT

### 1. Discharge Requirements

- a. The permittee shall discharge at the location(s) specified in PART III of this permit.
- b. The permittee shall not discharge foam or cause foaming of the receiving water that 1) forms objectionable deposits on the receiving water, 2) forms floating masses producing a nuisance, or 3) interferes with a designated use of the waterbody.
- c. The permittee's discharge shall not produce objectionable color or odor in the receiving stream.
- d. The discharge shall not exhibit a visible sheen.
- e. When quantification levels (QL) and effluent limits are both specified for a given parameter in Part III, and the QL is less stringent than the effluent limit, effluent compliance will be determined by comparing the reported value against the QL.
- f. When an average of three (3) consecutive rolling monthly average values of the committed flow (actual flow and approved allocated flow) reaches or exceeds 80% of 0.05 MGD (the permitted capacity of the facility), the permittee shall:
  - i. Develop a Capacity Assurance Program (CAP) in accordance with N.J.A.C. 7:14A-22.16.
  - ii. For more information concerning the CAP, please contact the Bureau of Engineering and Construction Permitting South at (609) 984-6840.
  - iii. Contact the Division of Watershed Management to discuss whether an amendment to the Water Quality Management Plan (WQMP) or Wastewater Management Plan (WMP) will be necessary.

### 2. Delaware River Basin Commission (DRBC)

- a. The permittee shall comply with the Delaware River Basin Commission (DRBC) "Water Quality Regulations." Compliance may be determined by the DRBC based on its own sampling events.

### 3. Applicability of Discharge Limitations and Effective Dates

- a. Surface Water Discharge Monitoring Report (DMR) Form Requirements
  - i. This permit includes multiple phases for DSN001A. The interim limitation and monitoring conditions are effective from the effective date of the permit (EDP) until EDP + 3 years. Final limitation and monitoring conditions become effective on EDP + 3 years.
- b. Wastewater Characterization Report (WCR) Form Requirements
  - i. The final effluent monitoring conditions contained in PART III for DSN001A apply for the full term of this permit action.

### 4. Operation, Maintenance and Emergency conditions

- a. The permittee shall operate and maintain treatment works and facilities which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit as specified in the Operation & Maintenance Manual.
- b. The permittee shall develop emergency procedures to ensure effective operation of the treatment works under emergency conditions in accordance with N.J.A.C. 7:14A-6.12(d).

### 5. Toxicity Testing Requirements - Acute Whole Effluent Toxicity

- a. The permittee shall conduct toxicity tests on its wastewater discharge in accordance with the provisions in this section. Such testing will determine if appropriately selected effluent concentrations adversely affect the test species.
- b. Acute toxicity tests shall be conducted using the test species and method identified in Part III of this permit.
- c. Any test that does not meet the specifications of N.J.A.C. 7:18, laboratory certification regulations, must be repeated within 30 days of the completion of the initial test. The repeat test shall not replace subsequent testing required in Part III.
- d. The permittee shall collect and analyze the concentration of ammonia-N in the effluent on the day a sample is collected for WET testing. This result is to be reported on the Biomonitoring Report Form.
- e. The permittee shall resubmit an Acute Methodology Questionnaire within 60 days of any change in laboratory.
- f. Submit an acute whole effluent toxicity test report: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP). The permittee shall submit toxicity test results on appropriate forms.
- g. Test reports shall be submitted to:
  - i. New Jersey Department of Environmental Protection  
Division of Water Quality  
Bureau of Point Source Permitting Region 1  
P.O. Box 029  
Trenton, New Jersey 08625

**6. Toxicity Reduction Implementation Requirements (TRIR)**

- a. The permittee shall initiate a tiered toxicity investigation if two out of six consecutive WET tests demonstrate that the effluent does not comply or will not comply with the toxicity limit specified in Part III of this permit.
  - i. If the exceedence of the toxicity limit is directly caused by a documented facility upset, or other unusual event which has been identified and appropriately remedied by the permittee, the toxicity test data collected during the event may be eliminated when determining the need for initiating a TRIR upon written Department approval.
- b. The permittee shall begin toxicity characterization within 30 days of the end of the monitoring period when the second toxicity test exceeds the toxicity limits in Part III. The monitoring frequency for toxicity testing shall be increased to semi-monthly (i.e. every two months). Up to 12 additional tests may be required.
  - i. The permittee may return to the toxicity testing frequency specified in Part III if four consecutive toxicity tests conducted during the Toxicity Characterization do not exceed the toxicity limit.
  - ii. If two out of any six consecutive, acceptable tests again exceed the toxicity limit in Part III, the permittee shall repeat the Toxicity Reduction Implementation Requirements.
- c. The permittee shall initiate a preliminary toxicity identification (PTI) upon the fourth exceedence of the toxicity limit specified in Part III during the toxicity characterization.
  - i. The permittee may return to the monitoring frequency specified in PART III while conducting the PTI. If more frequent WET testing is performed during the PTI, the permittee shall submit all biomonitoring reports to the DEP and report the results for the most sensitive species on the DMR.
  - ii. As appropriate, the PTI shall include:
    - (1) treatment plant performance evaluation,
    - (2) pretreatment program information,
    - (3) evaluation of ammonia and chlorine produced oxidants levels and their effect on the toxicity of the discharge,
    - (4) evaluation of chemical use and processes at the facility, and
    - (5) an evaluation of incidental facility procedures such as floor washing, and chemical spill disposal which may contribute to effluent toxicity.
  - iii. If the permittee demonstrates that the cause of toxicity is the chlorine added for disinfection or the ammonia concentration in the effluent and the chlorine and/or ammonia concentrations are below the established water quality based effluent limitation for chlorine and/or ammonia, the permittee shall identify the procedures to be used in future toxicity tests to account for chlorine and/or ammonia toxicity in their preliminary toxicity identification report.
  - iv. The permittee shall submit a Preliminary Toxicity Identification Notification within 15 months of triggering TRIR. This notification shall include a determination that the permittee intends to demonstrate compliance OR plans to initiate a CTI.
- d. The permittee must demonstrate compliance with the WET limitation in four consecutive WET tests to satisfy the requirements of the Toxicity Reduction Investigation Requirements. After successful completion, the permittee may return to the WET monitoring frequency specified in PART III.

- e. The permittee shall initiate a Comprehensive Toxicity Investigation (CTI) if the PTI does not identify the cause of toxicity and a demonstration of consistent compliance with the toxicity limit in Part III can not be made.
  - i. The permittee shall develop a project study plan identifying the party or parties responsible for conducting the comprehensive evaluation, establish a schedule for completing the study, and a description of the technical approach to be utilized.
  - ii. If the permittee determines that the PTI has failed to demonstrate consistent compliance with the toxicity limit in Part III, a Comprehensive Toxicity Investigation Workplan must be prepared and submitted within 90 days.
  - iii. The permittee shall summarize the data collected and the actions taken in CTI Quarterly Reports. The reports shall be submitted within 30 calendar days after the end of each quarter.
  - iv. The permittee shall submit a Final CTI Report 90 calendar days after the last quarterly report. The final CTI report shall include the corrective actions identified to reduce toxicity and a schedule for implementing these corrective actions.
- f. Upon receipt of written approval from the Department of the corrective action schedule, the permittee shall implement those corrective actions consistent with that schedule.
  - i. The permittee shall satisfy the requirements of the Toxicity Reduction Implementation Requirements and return to the original toxicity monitoring frequency after corrective actions are implemented and the permittee demonstrates consistent compliance with the toxicity limit in Part III in four consecutive toxicity tests.
  - ii. If the implemented corrective measures do not result in consistent compliance with the toxicity limit in Part III, the permittee shall submit a plan for resuming the CTI.

## **F. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS**

### **1. Requirement to Identify and Locate Industrial Users**

- a. The Permittee shall identify all indirect users which meet the significant indirect user definition in N.J.A.C. 7:14A-1.2 or have reasonable potential to:
  - i. interfere with attainment of the effluent limitations contained in the permittee's NJPDES permit
  - ii. pass through the treatment works and impair the water quality of the receiving stream; or
  - iii. affect sludge quality so as to interfere with the use or management of the municipal sludge

### **2. Notification Requirements**

- a. The permittee shall provide adequate notice to the NJDEP, Division of Water Quality, Bureau of Pretreatment and Residuals, of the name, address, telephone number and facility contact of all:
  - i. new SIUs at the time the proposed user applies to the permittee for connection to the permittee's system,
  - ii. any substantial change or proposed change in the volume or character of pollutants being introduced into the POTW by existing SIUs, or
  - iii. any substantial change or proposed change in the volume or character of pollutants being introduced into the POTW by a user that causes the user to become an SIU.

- b. For purposes of this subsection, adequate notice shall include information on the quality and quantity of effluent introduced into the POTW and any anticipated impact of such change on the quantity or quality of effluent to be discharged from the POTW.

### 3. Requirement to Develop Local Limits

- a. The permittee shall perform a headworks analysis in order to develop local limits or demonstrate that local limits are not necessary. The headworks analysis and, if necessary, development of local limits shall:
  - i. be conducted in accordance with the Guidance Manual on the Development and Implementation of Local Discharge Limitations under the Pretreatment Program (December 1987, USEPA Office of Water Enforcement), including all supplements and amendments thereto, including: identifying the sources and pollutants which should be limited in order to address environmental protection criteria of paragraph ii.; characterizing industrial discharges; reviewing applicable environmental protection criteria and pollutant effects data; monitoring of IU discharges, POTW collection system and treatment plant; and calculating local limits for the identified pollutants of concern;
  - ii. ensure compliance with the following minimum environmental protection criteria: the numerical effluent limitations in the Part III; The local agency's process inhibition and upset criteria; the local agency's worker health and safety protection criteria; the sludge quality criteria for a chosen method(s) of sludge management; and the limitations in the local agency's Air Pollution Control permit, where applicable.
- b. The permittee shall conduct a Local Limits Evaluation: within 18 months from the effective date of this document.

### 4. Submittal Requirements

- a. The permittee shall prepare a Pretreatment Program Report which consists of a listing of all indirect users which meet the significant indirect user definition in N.J.A.C. 7:14A-1.2. The report shall include the name, address, and type of business for each facility. This annual report shall be combined with and submitted with the Pretreatment Program Report required under permit NJ0050423, Part IV Paragraph F.4.

## G. CONDITIONS FOR MODIFICATION

### 1. Notification requirements

- a. The permittee may request a minor modification for a reduction in monitoring frequency for a non-limited parameter when four consecutive test results of "not detected" have occurred using the specified QL.

### 2. Causes for modification

- a. The Department may modify or revoke and reissue any permit to incorporate 1) any applicable effluent standard or any effluent limitation, including any effluent standards or effluent limitations to control the discharge of toxic pollutants or pollutant parameters such as acute or chronic whole effluent toxicity and chemical specific toxic parameters, 2) toxicity reduction requirements, or 3) the implementation of a TMDL or watershed management plan adopted in accordance with N.J.A.C. 7:15-7.

- b. The permittee may request a minor modification to eliminate the monitoring requirements associated with a discharge authorized by this permit when the discharge ceases due to changes at the facility.

## H. Custom Requirement

### 1. Introduction to RWBR Requirements

- a. The following sections contain the conditions for the permittee to beneficially reuse treated effluent or Reclaimed Water for Beneficial Reuse (RWBR), provided the effluent is in compliance with the criteria specified for the particular use specified below.
- b. There are two levels of RWBR uses. Public Access and Restricted Access.

### 2. INACTIVE RWBR Requirements

- a. The following RWBR requirements sections (3-8) are included in this permit for illustrative purposes only. These sections are considered inactive and not effective until such time as the Department activates these requirements by minor modification.

### 3. RWBR Requirements for Public Access

- a. The only Public Access reuse types authorized by this permit are those included in Appendix A. Other Public Access reuse types may only be added by minor modification of this permit.
- b. The hydraulic loading rate for land application of RWBR shall not exceed 2 inches per week.
- c. Any water diverted for RWBR shall be monitored and comply with the high level treatment requirements listed below and the operational requirements in the approved Operations Protocol. If any of these requirements are not achieved, the effluent shall not be diverted for RWBR.
- d. Total Suspended Solids (TSS): Instantaneous maximum of 5.0 mg/L prior to disinfection.
- e. Nitrogen, Total (NO<sub>3</sub> + NH<sub>3</sub>): Daily maximum of 10.0 mg/L. This requirement only applies when RWBR is land applied.
- f. Fecal Coliform: 7-day median maximum of 2.2 colonies per 100 mL and an instantaneous maximum of 14 colonies per 100 mL.
- g. Chlorine Produced Oxidants (CPO): Instantaneous minimum of 1.0 mg/L after fifteen minutes contact time at peak hourly flow.
- h. Monitoring of the diverted public access RWBR shall be conducted in the following manner:
  - i. Sampling for TSS shall be immediately prior to disinfection. Monitoring for TSS shall be a grab sample once per week.
  - ii. Sampling for Turbidity in systems shall be sampled immediately prior to disinfection. The permittee shall establish a correlation between Turbidity and TSS in their effluent as detailed in the Reuse Technical Manual. A statistically significant correlation between Turbidity and TSS shall be established prior to commencement of the RWBR program and shall be incorporated into the Operations Protocol/ Standard Operations Procedure and updated annually. The initial correlation should be done as part of a daily monitoring program for at least 30 days. To ensure continuous compliance with the 5.0 mg/L TSS level, Turbidity must be monitored continuously and achieve the level established in the Operations Protocol/ Standard Operations Procedure.

- iii. Monitoring for CPO or UV shall be continuous and shall be monitored after the appropriate contact time is achieved.
  - iv. Monitoring for Fecal Coliform shall be a grab sample, taken in accordance with Part III, at least a minimum of once per week taken immediately after disinfection. Fecal coliform shall be monitored immediately after disinfection.
  - v. Monitoring for Total Nitrogen (NO<sub>3</sub> + NH<sub>3</sub>) shall be a composite sample, taken in accordance with Part III, at least once per week taken prior to RWBR diversion. Total Nitrogen (NO<sub>3</sub> + NH<sub>3</sub>) shall be monitored after the appropriate disinfection treatment is achieved.
  - i. All monitoring results of the RWBR shall be reported each month on Wastewater Characterization Reports (WCR). Unless noted otherwise, the highest of all measured values for diverted RWBR shall be reported.
  - j. If chlorine is used for disinfection, the lowest sampling result obtained during the reporting month shall be reported for CPO.
- 4. RWBR Requirements for Restricted Access--Land Application and Non Edible Crops**
- a. The only Restricted Access--Land Application and Non Edible Crops reuse types authorized by this permit are those included in Appendix A. Other Restricted Access--Land Application and Non Edible Crops reuse types may only be added by minor modification of this permit.
  - b. The hydraulic loading rate for land application of RWBR shall not exceed 2 inches per week.
  - c. Nitrogen, Total (NO<sub>3</sub> + NH<sub>3</sub>): Daily maximum of 10 mg/L. Frequency of sampling for Total Nitrogen shall be in accordance with Part III of this permit or at a minimum monthly. The sample shall be collected as a composite sample taken prior to diversion for RWBR. Nitrogen, Total (NO<sub>3</sub> + NH<sub>3</sub>) shall be monitored after the appropriate disinfection treatment time is achieved.
  - d. Fecal Coliform: 200 colonies per 100 ml monthly average Geometric Mean, 400 colonies per 100 ml maximum in any one sample. Frequency of sampling for Fecal Coliform shall be in accordance with Part III of this permit or at a minimum weekly. The sample shall be collected as a grab sample taken immediately after disinfection.
  - e. Chlorine Produced Oxidants (CPO): Instantaneous minimum of 1.0 mg/L after fifteen minutes contact time at peak hourly flow. Frequency of sampling for CPO shall be in accordance with Part III of this permit or at a minimum weekly. The sample shall be collected as a grab sample taken immediately after disinfection. The value reported for CPO shall be the minimum sampling result obtained during the reporting month for diverted RWBR. Chlorine Produced Oxidants (CPO) shall be monitored after the appropriate contact time is achieved.
  - f. All monitoring results of the RWBR shall be reported each month on Wastewater Characterization Reports (WCR). Unless noted otherwise, the highest of all measured values for diverted RWBR shall be reported.
- 5. RWBR Requirements for Restricted Access--Construction and Maintenance Operations**
- a. The only Restricted Access--Construction and Maintenance Operations reuse types authorized by this permit are those included in Appendix A. Other Restricted Access--Construction and Maintenance Operations reuse types may only be added by minor modification of this permit.

- b. Fecal Coliform: 200 colonies per 100 ml monthly average Geometric Mean, 400 colonies per 100 ml maximum in any one sample. Frequency of sampling for Fecal Coliform shall be in accordance with Part III of this permit or at a minimum weekly. Fecal coliform shall be monitored immediately after disinfection. This requirement does not apply to sanitary sewer jetting.

#### **6. RWBR Requirements for Restricted Access--Industrial Systems**

- a. The only Restricted Access--Industrial Systems reuse types authorized by this permit are those included in Appendix A. Other Restricted Access--Industrial Systems reuse types may only be added by minor modification of this permit.

#### **7. RWBR Submittal Requirements**

- a. For Public Access RWBR, the permittee shall submit and receive approval of an Operations Protocol or modify the existing Operations Protocol as detailed in the most recent version of the Department's Technical Manual for Reclaimed Water for Beneficial Reuse (Reuse Technical Manual) prior to the commencement of this/these type/s of RWBR activity. A copy of the approved Operations Protocol shall be maintained onsite. Specific requirements for the Operations Protocol are identified in the Reuse Technical Manual.
- b. For all types of Restricted Access RWBR, the permittee shall submit and receive approval of a Standard Operations Procedure or modify an existing Standard Operations Procedure as detailed in the most recent version of the Department's Technical Manual for Reclaimed Water for Beneficial Reuse (Reuse Technical Manual) prior to the commencement of this/these type/s of RWBR activity. A copy of the approved Standard Operations Procedure shall be maintained onsite. Specific requirements for the Standard Operations Procedure are identified in the Reuse Technical Manual.
- c. The permittee shall submit a copy of the Reuse Supplier and User Agreement with each request for authorization to distribute RWBR in which the user is a different entity than the supplier. Specific requirements for the Reuse Supplier and User Agreement are identified in the Reuse Technical Manual.
- d. For Public Access RWBR on Edible Crops, the permittee shall submit an annual inventory of edible crop irrigation with the Beneficial Reuse Annual Report. Specific requirements for the annual inventory are identified in the Reuse Technical Manual.
- e. Submit a Beneficial Reuse Annual Report: by February 1 of each year beginning from the effective date of the permit (EDP). The permittee shall compile the total volume of RWBR distributed to each type of authorized RWBR activity for the previous calendar year. Specific requirements for the Annual Reuse Report are identified in the Reuse Technical Manual.
- f. The permittee shall submit and receive approval of an Engineering Report in support of RWBR authorization requests for new or expanded RWBR projects as detailed in the most recent version of the Department's Technical Manual for Reclaimed Water for Beneficial Reuse (Reuse Technical Manual) prior to the commencement of this/these type/s of RWBR activity. A copy of the approved Engineering Report shall be maintained onsite. Specific requirements for the Engineering Report are identified in the Reuse Technical Manual.
- g. All submittals shall be mailed or delivered to: New Jersey Department of Environmental Protection, Division of Water Quality, Bureau of Point Source Permitting Region 2, P.O. Box 029, Trenton, New Jersey 08625.

#### **8. RWBR Operational Requirements**

- a. Effluent that does not meet the requirements for RWBR established in Part III, Part IV and the operational requirements specified in the facility's approved Operations Protocol/ Standard Operations Procedure, shall not be diverted for RWBR.
- b. The land application of RWBR shall not produce surface runoff or ponding.
- c. All setback distances shall be consistent with the distances outlined in the Reuse Technical Manual.
- d. Land application sites shall not be frozen or saturated when applying RWBR.
- e. A daily log noting the volume of RWBR distributed to each approved application site shall be maintained on-site by the permittee and made available to the Department upon request. The volume of RWBR to be distributed shall be determined through the use of a totalizing flow meter.
- f. Any vehicle used to transport and/or distribute RWBR shall be appropriately marked. The vehicle shall not be used to transport water or other fluid that does not meet all limitations and requirements as specified in this permit for water diverted for RWBR, unless the tank has been emptied and adequately cleaned prior to the addition of the RWBR.
- g. The permittee shall post Access Control and Advisory Signs in accordance with the requirements of the Reuse Technical Manual.
- h. There shall be no cross-connections to potable water systems.
- i. All RWBR piping, pipelines, valves, and outlets shall be appropriately color coded, tagged or labeled to warn the public and employees that the water is not intended for drinking. Worker contact with RWBR shall be minimized.
- j. The issuance of this permit for the use of RWBR shall not be considered as a waiver of any applicable federal, state or local rule, regulation or ordinance.

CANTON VILLAGE STP, Lower Alloways Creek Twp

Permit No. NJ0062201  
DSW030001 Surface Water Renewal Permit Action

Masterfile #: 37565

PI #: 46561

**APPENDIX A**

## APPROVED RWBR AUTHORIZATIONS

The permittee is authorized to utilize RWBR only for the categories and specific types listed below. Additional types, under an existing category, may be added to this permit by modification.

RWBR Category	Specific RWBR Type	Location	Authorization Date
PA	Spray Irrigation (Golf Course)	N/A	Not Authorized
PA	Spray Irrigation (Athletic Fields, Playgrounds)	N/A	Not Authorized
PA	Spray Irrigation (Residential Lawns)	N/A	Not Authorized
PA	Vehicle Washing	N/A	Not Authorized
PA	Hydroseeding	N/A	Not Authorized
PA	Decorative Fountains	N/A	Not Authorized
RA-LA	Sod Irrigation	N/A	Not Authorized
RA-LA	Spray Irrigation within a fenced perimeter or otherwise restricted area <i>OR</i> in a controlled area NOTE: The Nitrogen (NO <sub>3</sub> +NH <sub>3</sub> ) requirement does not apply for this type of reuse.	N/A	Not Authorized
RA-LA	Spray Irrigation	N/A	Not Authorized
RA-CM	Street Sweeping	N/A	Not Authorized
RA-CM	Dust Control	N/A	Not Authorized
RA-CM	Fire Protection	N/A	Not Authorized
RA-IS	Sanitary Sewer Jetting	N/A	Not Authorized
RA-IS	Non-Contact Cooling Water	N/A	Not Authorized
RA-IS	Boiler Makeup Water	N/A	Not Authorized
RA-IS	Road Milling	N/A	Not Authorized
RA-IS	Hydrostatic Testing	N/A	Not Authorized
RA-IS	Parts Washing	N/A	Not Authorized

## RWBR Categories:

PA Public Access  
RA--LA Restricted Access--Land Application and Non Edible Crops  
RA--CM Restricted Access--Construction and Maintenance Operations  
RA--IS Restricted Access--Industrial Systems

New Jersey Department of Environmental Protection  
 Division of Water Quality

Pl 46561

Surface Water Discharge Waste Characterization Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
NJ0062201	Month 6	Day 1	Year 2007	To	Month 11	Day 30	Year 2007	001A - SW Outfall 001A

**PERMITTEE:**

LOWER ALLOWAYS CREEK TWP  
 501 LOCUST ISLAND RD  
 HANCOCKS BRIDGE, NJ 08038

**LOCATION OF ACTIVITY:**

CANTON VILLAGE STP  
 MAIN ST  
 LOWER ALLOWAYS CREEK TWP,  
 NJ 08079

**REPORT RECIPIENT:**

CANTON VILLAGE STP  
 MUNICIPAL BLDG  
 PO BOX 157  
 HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE:  No Discharge this Monitoring Period  Monitoring Report Comments Attached

**WHO MUST SIGN** The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to \$50,000 per violation.

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

DATE (MONTH / DAY / YEAR) AREA CODE / TELEPHONE NUMBER

*\*For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE

SIGNATURE

DATE

AREA CODE/PHONE NUMBER

# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>Manganese, Total Recoverable</b> 11123 Effluent Gross Value			UG/L		COMP24
<b>Cyanide, Total (as CN)</b> 00720 Effluent Gross Value	RQL = 40		UG/L		GRAB
<b>Arsenic, Total Recoverable (as As)</b> 00978 Effluent Gross Value	RQL = 8		UG/L		COMP24
<b>Selenium, Total Recoverable</b> 00981 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Thallium, Total Recoverable</b> 00982 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Nickel, Total Recoverable</b> 01074 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Silver, Total Recoverable</b> 01079 Effluent Gross Value	RQL = 2		UG/L		COMP24
<b>Zinc, Total Recoverable</b> 01094 Effluent Gross Value	RQL = 30		UG/L		COMP24
<b>Cadmium, Total Recoverable</b> 01113 Effluent Gross Value	RQL = 4		UG/L		COMP24
<b>Lead, Total Recoverable</b> 01114 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Chromium, Total Recoverable</b> 01118 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Copper, Total Recoverable</b> 01119 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Chromium, Hexavalent Dissolved (as Cr)</b> 01220 Effluent Gross Value			UG/L		COMP24
<b>Antimony, Total Recoverable</b> 01268 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Mercury Total Recoverable</b> 71901 Effluent Gross Value	RQL = 1		UG/L		COMP24
<b>Anthracene</b> 34220 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Benzo(b)fluoranthene (3,4-benzo)</b> 34230 Effluent Gross Value			UG/L		COMP24
<b>Benzo(k)fluoranthene</b> 34242 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Benzo(a)pyrene</b> 34247 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Bis(2-chloroethyl) ether</b> 34273 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Bis (2-chloroiso- propyl) ether</b> 34283 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Butyl benzyl phthalate</b> 34292 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Chrysene</b> 34320 Effluent Gross Value	RQL = 20		UG/L		COMP24

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Seney of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Seney@dep.state.nj.us".

# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>Diethyl phthalate</b> 34336 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Dimethyl phthalate</b> 34341 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>1,2-Diphenyl- hydrazine</b> 34346 Effluent Gross Value			UG/L		COMP24
<b>Fluoranthene</b> 34376 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Fluorene</b> 34381 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Hexachlorocyclo- pentadiene</b> 34386 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Hexachloroethane</b> 34396 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Indeno(1,2,3-cd)- pyrene</b> 34403 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Isophorone</b> 34408 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>N-nitrosodiphenyl- amine</b> 34433 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>N-nitrosodimethyl- amine</b> 34438 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Nitrobenzene</b> 34447 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Pyrene</b> 34469 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Benzo(a)anthracene</b> 34526 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>1,2-Dichlorobenzene</b> 34536 Effluent Gross Value	RQL = 9		UG/L		COMP24
<b>1,2,4-Trichloro- benzene</b> 34551 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Dibenzo(a,h) anthracene</b> 34556 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>1,3-Dichlorobenzene</b> 34566 Effluent Gross Value	RQL = 9		UG/L		COMP24
<b>1,4-Dichlorobenzene</b> 34571 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>2,4-Dinitrotoluene</b> 34611 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>3,3'-Dichloro- benzidine</b> 34631 Effluent Gross Value	RQL = 60		UG/L		COMP24
<b>Bis(2-ethylhexyl) phthalate</b> 39100 Effluent Gross Value	RQL = 30		UG/L		COMP24
<b>DI-n-butyl phthalate</b> 39110 Effluent Gross Value	RQL = 20		UG/L		COMP24

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# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>Benzidine</b> 39120 Effluent Gross Value	RQL = 50		UG/L		COMP24
<b>Malathion</b> 39530 Effluent Gross Value			UG/L		COMP24
<b>Demeton</b> 39560 Effluent Gross Value			UG/L		COMP24
<b>Hexachlorobenzene</b> 39700 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Hexachlorobutadiene</b> 39702 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Mirex</b> 39755 Effluent Gross Value			UG/L		COMP24
<b>1,3-Dichloropropene</b> 77163 Effluent Gross Value	RQL = 7		UG/L		GRAB
<b>1,2,4,5-Tetrachloro- benzene</b> 77734 Effluent Gross Value			UG/L		COMP24
<b>Carbon Tetrachloride</b> 32102 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>1,2-Dichloroethane</b> 32103 Effluent Gross Value	RQL = 3		UG/L		GRAB
<b>Bromoform</b> 32104 Effluent Gross Value	RQL = 8		UG/L		GRAB
<b>Chloroform</b> 32106 Effluent Gross Value	RQL = 5		UG/L		GRAB
<b>Toluene</b> 34010 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Benzene</b> 34030 Effluent Gross Value	RQL = 7		UG/L		GRAB
<b>Acrolein</b> 34210 Effluent Gross Value	RQL = 50		UG/L		GRAB
<b>Acrylonitrile</b> 34215 Effluent Gross Value	RQL = 50		UG/L		GRAB
<b>Chlorobenzene</b> 34301 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Chlorodibromomethane</b> 34306 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Ethylbenzene</b> 34371 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Methyl Bromide</b> 34413 Effluent Gross Value	RQL = 9		UG/L		GRAB
<b>Methylene Chloride</b> 34423 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Tetrachloroethylene</b> 34475 Effluent Gross Value	RQL = 9		UG/L		GRAB
<b>1,1-Dichloroethylene</b> 34501 Effluent Gross Value	RQL = 6		UG/L		GRAB

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Seney of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Seney@dep.state.nj.us".

# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201    
**MONITORED LOCATION:** 001A SW Outfall 001A    
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007    
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
1,1,2-Trichloro- ethane 34511 Effluent Gross Value	RQL = 6		UG/L		GRAB
1,1,2,2-Tetrachloro- ethane 34516 Effluent Gross Value	RQL = 10		UG/L		GRAB
Bromodichloromethane 38693 Effluent Gross Value	RQL = 5		UG/L		GRAB
Vinyl Chloride 39175 Effluent Gross Value	RQL = 10		UG/L		GRAB
Trichloroethylene 39180 Effluent Gross Value	RQL = 5		UG/L		GRAB
Methoxychlor 39480 Effluent Gross Value			UG/L		COMP24
2,4,5-Trichloro- phenol 77687 Effluent Gross Value			UG/L		COMP24
Endosulfan Sulfate 34351 Effluent Gross Value	RQL = 0.08		UG/L		COMP24
Beta Endosulfan 34356 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Alpha Endosulfan 34361 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
Endrin Aldehyde 34366 Effluent Gross Value	RQL = 0.1		UG/L		COMP24
PCB-1016 (Arochlor 1016) 34671 Effluent Gross Value			UG/L		COMP24
2,3,7,8-Tetrachloro- dibenzo-p-dioxin 34675 Effluent Gross Value			UG/L		COMP24
4,4'-DDT(p,p'-DDT) 39300 Effluent Gross Value	RQL = 0.06		UG/L		COMP24
4,4'-DDD(p,p'-DDD) 39310 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
4,4'-DDE(p,p'-DDE) 39320 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Aldrin 39330 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Alpha BHC 39336 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
Beta BHC 39338 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Gamma BHC (lindane), 39340 Effluent Gross Value	RQL = 0.03		UG/L		COMP24
Chlordane 39350 Effluent Gross Value	RQL = 0.2		UG/L		COMP24
Dieldrin 39380 Effluent Gross Value	RQL = 0.03		UG/L		COMP24
Endosulfans, Total (alpha and beta) 39388 Effluent Gross Value			UG/L		COMP24

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# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>Endrin</b> 39390 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
<b>Toxaphene</b> 39400 Effluent Gross Value	RQL = 1		UG/L		COMP24
<b>Heptachlor</b> 39410 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
<b>Heptachlor Epoxide</b> 39420 Effluent Gross Value	RQL = 0.4		UG/L		COMP24
<b>PCB-1221 (Arochlor 1221)</b> 39488 Effluent Gross Value			UG/L		COMP24
<b>PCB-1232 (Arochlor 1232)</b> 39492 Effluent Gross Value			UG/L		COMP24
<b>PCB-1242 (Arochlor 1242)</b> 39496 Effluent Gross Value			UG/L		COMP24
<b>PCB-1248 (Arochlor 1248)</b> 39500 Effluent Gross Value			UG/L		COMP24
<b>PCB-1254 (Arochlor 1254)</b> 39504 Effluent Gross Value			UG/L		COMP24
<b>PCB-1260 (Arochlor 1260)</b> 39508 Effluent Gross Value			UG/L		COMP24
<b>Polychlorinated Biphenyls (PCBs)</b> 39516 Effluent Gross Value			UG/L		COMP24
<b>Chlorpyrifos</b> 77969 Effluent Gross Value			UG/L		COMP24
<b>2-Chlorophenol</b> 34586 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>2,4-Dichlorophenol</b> 34601 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>2,4-Dinitrophenol</b> 34616 Effluent Gross Value	RQL = 40		UG/L		COMP24
<b>2,4,6-Trichloro- phenol</b> 34621 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>4,6-Dinitro-o-cresol</b> 34657 Effluent Gross Value	RQL = 60		UG/L		COMP24
<b>Phenol Single Compound</b> 34694 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Pentachlorophenol</b> 39032 Effluent Gross Value	RQL = 30		UG/L		COMP24
<b>Pentachlorobenzene</b> 77793 Effluent Gross Value			UG/L		COMP24
<b>Sulfide-Hydrogen Sulfide(undissociat)</b> *PS07 Effluent Gross Value			UG/L		COMP24
<b>Guthion</b> 39580 Effluent Gross Value			UG/L		COMP24
<b>Lab Certification #</b> 99999 Lab					NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Seney of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Seney@dep.state.nj.us".

# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Seney of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Seney@dep.state.nj.us".

New Jersey Department of Environmental Protection  
 Division of Water Quality  
 Surface Water Discharge Monitoring Report Submittal Form

NJPDDES PERMIT	MONITORING PERIOD					MONITORED LOCATION:	
NJ0062201	Month 6	Day 1	Year 2007	To 6	Month 30	Day 2007	Year 2007
							<b>001A - SW Outfall 001A</b>

**PERMITTEE:**

LOWER ALLOWAYS CREEK TWP  
 501 LOCUST ISLAND RD  
 HANCOCKS BRIDGE, NJ 08038

**LOCATION OF ACTIVITY:**

CANTON VILLAGE STP  
 MAIN ST  
 LOWER ALLOWAYS CREEK TWP, NJ 08079

**REPORT RECIPIENT:**

CANTON VILLAGE STP  
 MUNICIPAL BLDG  
 PO BOX 157  
 HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE:     No Discharge this Monitoring Period     Monitoring Report Comments Attached

**WHO MUST SIGN** The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to \$50,000 per violation.

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR \*LICENSED OPERATOR    GRADE AND REGISTRY NUMBER (IF APPLICABLE)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR \*LICENSED OPERATOR    DATE    AREA CODE/PHONE NUMBER

*\*For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6(F)(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE

SIGNATURE

DATE

AREA CODE/PHONE NUMBER

PERMIT NUMBER: NJ0062201      MONITORED LOCATION: 001A SW Outfall 001A      MONITORING PERIOD: 6/1/2007 TO 6/30/2007      FACILITY NAME: CANTON VILLAGE STP

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING	UNITS	QUALITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT			*****	*****			
	PERMIT REQUIREMENT	REPORT 01MOAV/	MGD	*****	*****		Continuous	CONTIN
50050 1 Effluent Gross Value	QL	*****		*****	*****			
	SAMPLE MEASUREMENT	*****		*****	*****			
BOD, 5-Day (20 oc)	SAMPLE MEASUREMENT	*****		*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	REPORT 01WKAV		2Month	COMP-4
00310 G Raw Sew/Influent	QL	*****		*****	*****			
	SAMPLE MEASUREMENT	*****		*****	*****			
BOD, 5-Day (20 oc)	SAMPLE MEASUREMENT	*****		*****	*****			
	PERMIT REQUIREMENT	4.8 01MOAV/	KG/DAY	*****	25 01MOAV		2Month	COMP-4
00310 1 Effluent Gross Value	QL	*****		*****	*****			
	SAMPLE MEASUREMENT	*****		*****	*****			
BOD, 5-Day (20 oc)	SAMPLE MEASUREMENT	*****		*****	*****			
	PERMIT REQUIREMENT	*****	*****	85 01MOAVMN	*****		2Month	CALCTD
00310 K Percent Removal	QL	*****		*****	*****			
	SAMPLE MEASUREMENT	*****		*****	*****			
PH	SAMPLE MEASUREMENT	*****		*****	*****			
	PERMIT REQUIREMENT	*****	*****	REPORT 01RPMN	REPORT 01RPMX		1/Day	GRAB
00400 G Raw Sew/Influent	QL	*****		*****	*****			
	SAMPLE MEASUREMENT	*****		*****	*****			
00400 1 Effluent Gross Value	QL	*****		*****	*****			
	PERMIT REQUIREMENT	*****	*****	6.0 01RPMN	9.0 01RPMX		1/Day	GRAB

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Seney of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Seney@dep.state.nj.us".

PERMIT NUMBER: NU0062201      MONITORED LOCATION: 001A SW Outfall 001A      MONITORING PERIOD: 6/1/2007 TO 6/30/2007      FACILITY NAME: CANTON VILLAGE STP

PARAMETER		QUANTITY OR LOADING	UNITS	QUALITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended 00530 G Raw Sew/Influent	SAMPLE MEASUREMENT	*****		*****				
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOAV	*****		2/Month	COMP-4
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT			*****				
	PERMIT REQUIREMENT	5.7 01MOAV	KG/DAY	30 01MOAV	MG/L		2/Month	COMP-4
Solids, Total Suspended 00530 K Percent Removal	SAMPLE MEASUREMENT	*****	*****	*****				
	PERMIT REQUIREMENT	*****	*****	85 01MOAV/N	PERCENT		2/Month	CALCTD
Oil and Grease 00556 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****				
	PERMIT REQUIREMENT	*****	*****	10 01MOAV	MG/L		1/Quarter	GRAB
Nitrogen, Ammonia Total (as N) 00610 1 Effluent Gross Value	SAMPLE MEASUREMENT			*****				
	PERMIT REQUIREMENT	6.6 01MOAV	KG/DAY	35 01MOAV	MG/L		2/Month	COMP-4
Enterococci 61211 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****				
	PERMIT REQUIREMENT	*****	*****	REPORT 01MOGE	#/100ML		5/Month	GRAB

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Senev of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Senev@dep.state.nj.us".

PERMIT NUMBER: NJ00062201      MONITORED LOCATION: 001A SW Outfall 001A      MONITORING PERIOD: 6/1/2007 TO 6/30/2007      FACILITY NAME: CANTON VILLAGE STP

PARAMETER	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION		UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Coliform, Fecal General	SAMPLE MEASUREMENT	*****		*****					
	PERMIT REQUIREMENT	*****		*****					
74055 1 Effluent Gross Value	QL	*****	*****	*****	200 01MOGE	400 01WKGE	#/100ML	1/Month	GRAB
	SAMPLE MEASUREMENT	*****		*****					
LC50 Statre 96hr Acu Mysid Bahia TAN3E 1 Effluent Gross Value	QL	*****	*****	*****	*****	*****	%EFFL	1/6 Months	COMPOS
	SAMPLE MEASUREMENT	*****		*****					
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value	MDL	0.02	KG/DAY	*****	REPORT 01MOAV	1.0 01DAMX	MG/L	1/Day	GRAB
	SAMPLE MEASUREMENT	*****		*****					
Temperature, oC 00010 G Raw Sew/Influent	QL	*****	*****	*****	REPORT 01RPMM	REPORT 01MOAV	DEG.C	1/Day	GRAB
	SAMPLE MEASUREMENT	*****		*****					
Temperature, oC 00010 1 Effluent Gross Value	QL	*****	*****	*****	REPORT 01RPMM	REPORT 01MOAV	DEG.C	1/Day	GRAB
	SAMPLE MEASUREMENT	*****		*****					
Oxygen, Dissolved (DO) 00300 1 Effluent Gross Value	QL	*****	*****	*****	5.0 01WKAVMM	*****	MG/L	2/Month	GRAB
	SAMPLE MEASUREMENT	*****		*****					

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Senev of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Senev@dep.state.nj.us".

PERMIT NUMBER: NJ0062201  
 MONITORED LOCATION: 001A SW Outfall 001A  
 MONITORING PERIOD: 6/1/2007 TO 6/30/2007  
 FACILITY NAME: CANTON VILLAGE STP

PARAMETER	QUANTITY OR LOADING	UNITS	QUALITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
1,2-Dichloroethane	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
32103 1 Effluent Gross Value	RQL	*****	*****	REPORT 01DAMX 1.0		1/Quarter	GRAB
	SAMPLE MEASUREMENT	*****	*****				
34475 1 Effluent Gross Value	RQL	*****	*****	REPORT 01DAMX 1.0		1/Quarter	GRAB
	SAMPLE MEASUREMENT	*****	*****				
Trichloroethene	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
78391 1 Effluent Gross Value	RQL	*****	*****	REPORT 01DAMX 1.0		1/Quarter	GRAB
	PERMIT REQUIREMENT	*****	*****				
Lab Certification #	SAMPLE MEASUREMENT						
	PERMIT REQUIREMENT	REPORT Lab # *****	REPORT Lab # *****	REPORT Lab # *****	REPORT Lab # *****	REPORT Lab # *****	NOT AP
99999 99 Lab	QL	*****	*****			Not Applic	NOT AP
	PERMIT REQUIREMENT	*****	*****				

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Seney of the BPSF - Region 2 at (609)292-4860 or via email at "Rachael.Seney@dep.state.nj.us".

New Jersey Department of Environmental Protection  
 Division of Water Quality

PI 46561

Surface Water Discharge Waste Characterization Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
NJ0062201	Month 6	Day 1	Year 2007	To	Month 11	Day 30	Year 2007	001A - SW Outfall 001A

**PERMITTEE:**

LOWER ALLOWAYS CREEK TWP  
 501 LOCUST ISLAND RD  
 HANCOCKS BRIDGE, NJ 08038

**LOCATION OF ACTIVITY:**

CANTON VILLAGE STP  
 MAIN ST  
 LOWER ALLOWAYS CREEK TWP,  
 NJ 08079

**REPORT RECIPIENT:**

CANTON VILLAGE STP  
 MUNICIPAL BLDG  
 PO BOX 157  
 HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE:  No Discharge this Monitoring Period  Monitoring Report Comments Attached

**WHO MUST SIGN** The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to \$50,000 per violation.

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

DATE (MONTH / DAY / YEAR) AREA CODE / TELEPHONE NUMBER

*\*For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE

SIGNATURE

DATE

AREA CODE/PHONE NUMBER

# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>Manganese, Total Recoverable</b> 11123 Effluent Gross Value			UG/L		COMP24
<b>Cyanide, Total (as CN)</b> 00720 Effluent Gross Value	RQL = 40		UG/L		GRAB
<b>Arsenic, Total Recoverable (as As)</b> 00978 Effluent Gross Value	RQL = 8		UG/L		COMP24
<b>Selenium, Total Recoverable</b> 00981 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Thallium, Total Recoverable</b> 00982 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Nickel, Total Recoverable</b> 01074 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Silver, Total Recoverable</b> 01079 Effluent Gross Value	RQL = 2		UG/L		COMP24
<b>Zinc, Total Recoverable</b> 01094 Effluent Gross Value	RQL = 30		UG/L		COMP24
<b>Cadmium, Total Recoverable</b> 01113 Effluent Gross Value	RQL = 4		UG/L		COMP24
<b>Lead, Total Recoverable</b> 01114 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Chromium, Total Recoverable</b> 01118 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Copper, Total Recoverable</b> 01119 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Chromium, Hexavalent Dissolved (as Cr)</b> 01220 Effluent Gross Value			UG/L		COMP24
<b>Antimony, Total Recoverable</b> 01268 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Mercury Total Recoverable</b> 71901 Effluent Gross Value	RQL = 1		UG/L		COMP24
<b>Anthracene</b> 34220 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Benzo(b)fluoranthene (3,4-benzo)</b> 34230 Effluent Gross Value			UG/L		COMP24
<b>Benzo(k)fluoranthene</b> 34242 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Benzo(a)pyrene</b> 34247 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Bis(2-chloroethyl) ether</b> 34273 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Bis (2-chloroiso- propyl) ether</b> 34283 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Butyl benzyl phthalate</b> 34292 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Chrysene</b> 34320 Effluent Gross Value	RQL = 20		UG/L		COMP24

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Seney of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Seney@dep.state.nj.us".

# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>Diethyl phthalate</b> 34336 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Dimethyl phthalate</b> 34341 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>1,2-Diphenyl- hydrazine</b> 34346 Effluent Gross Value			UG/L		COMP24
<b>Fluoranthene</b> 34376 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Fluorene</b> 34381 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Hexachlorocyclo- pentadiene</b> 34386 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Hexachloroethane</b> 34396 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Indeno(1,2,3-cd)- pyrene</b> 34403 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Isophorone</b> 34408 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>N-nitrosodiphenyl- amine</b> 34433 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>N-nitrosodimethyl- amine</b> 34438 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Nitrobenzene</b> 34447 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Pyrene</b> 34469 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>Benzo(a)anthracene</b> 34526 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>1,2-Dichlorobenzene</b> 34536 Effluent Gross Value	RQL = 9		UG/L		COMP24
<b>1,2,4-Trichloro- benzene</b> 34551 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Dibenzo(a,h) anthracene</b> 34556 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>1,3-Dichlorobenzene</b> 34566 Effluent Gross Value	RQL = 9		UG/L		COMP24
<b>1,4-Dichlorobenzene</b> 34571 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>2,4-Dinitrotoluene</b> 34611 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>3,3'-Dichloro- benzidine</b> 34631 Effluent Gross Value	RQL = 60		UG/L		COMP24
<b>Bis(2-ethylhexyl) phthalate</b> 39100 Effluent Gross Value	RQL = 30		UG/L		COMP24
<b>Di-n-butyl phthalate</b> 39110 Effluent Gross Value	RQL = 20		UG/L		COMP24

Comments: If there are any questions in regards to the monitoring report form, please contact Rachael Seney of the BPSP - Region 2 at (609)292-4860 or via email at "Rachael.Seney@dep.state.nj.us".

# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>Benzidine</b> 39120 Effluent Gross Value	RQL = 50		UG/L		COMP24
<b>Malathion</b> 39530 Effluent Gross Value			UG/L		COMP24
<b>Demeton</b> 39560 Effluent Gross Value			UG/L		COMP24
<b>Hexachlorobenzene</b> 39700 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Hexachlorobutadiene</b> 39702 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Mirex</b> 39755 Effluent Gross Value			UG/L		COMP24
<b>1,3-Dichloropropene</b> 77163 Effluent Gross Value	RQL = 7		UG/L		GRAB
<b>1,2,4,5-Tetrachloro- benzene</b> 77734 Effluent Gross Value			UG/L		COMP24
<b>Carbon Tetrachloride</b> 32102 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>1,2-Dichloroethane</b> 32103 Effluent Gross Value	RQL = 3		UG/L		GRAB
<b>Bromoform</b> 32104 Effluent Gross Value	RQL = 8		UG/L		GRAB
<b>Chloroform</b> 32106 Effluent Gross Value	RQL = 5		UG/L		GRAB
<b>Toluene</b> 34010 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Benzene</b> 34030 Effluent Gross Value	RQL = 7		UG/L		GRAB
<b>Acrolein</b> 34210 Effluent Gross Value	RQL = 50		UG/L		GRAB
<b>Acrylonitrile</b> 34215 Effluent Gross Value	RQL = 50		UG/L		GRAB
<b>Chlorobenzene</b> 34301 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Chlorodibromomethane</b> 34306 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Ethylbenzene</b> 34371 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Methyl Bromide</b> 34413 Effluent Gross Value	RQL = 9		UG/L		GRAB
<b>Methylene Chloride</b> 34423 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>Tetrachloroethylene</b> 34475 Effluent Gross Value	RQL = 9		UG/L		GRAB
<b>1,1-Dichloroethylene</b> 34501 Effluent Gross Value	RQL = 6		UG/L		GRAB

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# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201     
**MONITORED LOCATION:** 001A SW Outfall 001A     
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007     
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>1,1,2-Trichloro- ethane</b> 34511 Effluent Gross Value	RQL = 6		UG/L		GRAB
<b>1,1,2,2-Tetrachloro- ethane</b> 34516 Effluent Gross Value	RQL = 10		UG/L		GRAB
<b>Bromodichloromethane</b> 38693 Effluent Gross Value	RQL = 5		UG/L		GRAB
<b>Vinyl Chloride</b> 39175 Effluent Gross Value	RQL = 10		UG/L		GRAB
<b>Trichloroethylene</b> 39180 Effluent Gross Value	RQL = 5		UG/L		GRAB
<b>Methoxychlor</b> 39480 Effluent Gross Value			UG/L		COMP24
<b>2,4,5-Trichloro- phenol</b> 77687 Effluent Gross Value			UG/L		COMP24
<b>Endosulfan Sulfate</b> 34351 Effluent Gross Value	RQL = 0.08		UG/L		COMP24
<b>Beta Endosulfan</b> 34356 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
<b>Alpha Endosulfan</b> 34361 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
<b>Endrin Aldehyde</b> 34366 Effluent Gross Value	RQL = 0.1		UG/L		COMP24
<b>PCB-1016 (Arochlor 1016)</b> 34671 Effluent Gross Value			UG/L		COMP24
<b>2,3,7,8-Tetrachloro- dibenzo-p-dioxin</b> 34675 Effluent Gross Value			UG/L		COMP24
<b>4,4'-DDT(p,p'-DDT)</b> 39300 Effluent Gross Value	RQL = 0.06		UG/L		COMP24
<b>4,4'-DDD(p,p'-DDD)</b> 39310 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
<b>4,4'-DDE(p,p'-DDE)</b> 39320 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
<b>Aldrin</b> 39330 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
<b>Alpha BHC</b> 39336 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
<b>Beta BHC</b> 39338 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
<b>Gamma BHC (lindane),</b> 39340 Effluent Gross Value	RQL = 0.03		UG/L		COMP24
<b>Chlordane</b> 39350 Effluent Gross Value	RQL = 0.2		UG/L		COMP24
<b>Dieldrin</b> 39380 Effluent Gross Value	RQL = 0.03		UG/L		COMP24
<b>Endosulfans, Total (alpha and beta)</b> 39388 Effluent Gross Value			UG/L		COMP24

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# Surface Water Discharge Waste Characterization Report PI 46561

**PERMIT NUMBER:** NJ0062201    
**MONITORED LOCATION:** 001A SW Outfall 001A    
**MONITORING PERIOD:** 6/1/2007 TO 11/30/2007    
**FACILITY NAME:** CANTON VILLAGE STP

**SAMPLE DATE OF REPORT:**

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
<b>Endrin</b> 39390 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
<b>Toxaphene</b> 39400 Effluent Gross Value	RQL = 1		UG/L		COMP24
<b>Heptachlor</b> 39410 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
<b>Heptachlor Epoxide</b> 39420 Effluent Gross Value	RQL = 0.4		UG/L		COMP24
<b>PCB-1221 (Arochlor 1221)</b> 39488 Effluent Gross Value			UG/L		COMP24
<b>PCB-1232 (Arochlor 1232)</b> 39492 Effluent Gross Value			UG/L		COMP24
<b>PCB-1242 (Arochlor 1242)</b> 39496 Effluent Gross Value			UG/L		COMP24
<b>PCB-1248 (Arochlor 1248)</b> 39500 Effluent Gross Value			UG/L		COMP24
<b>PCB-1254 (Arochlor 1254)</b> 39504 Effluent Gross Value			UG/L		COMP24
<b>PCB-1260 (Arochlor 1260)</b> 39508 Effluent Gross Value			UG/L		COMP24
<b>Polychlorinated Biphenyls (PCBs)</b> 39516 Effluent Gross Value			UG/L		COMP24
<b>Chlorpyrifos</b> 77969 Effluent Gross Value			UG/L		COMP24
<b>2-Chlorophenol</b> 34586 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>2,4-Dichlorophenol</b> 34601 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>2,4-Dinitrophenol</b> 34616 Effluent Gross Value	RQL = 40		UG/L		COMP24
<b>2,4,6-Trichloro-phenol</b> 34621 Effluent Gross Value	RQL = 20		UG/L		COMP24
<b>4,6-Dinitro-o-cresol</b> 34657 Effluent Gross Value	RQL = 60		UG/L		COMP24
<b>Phenol Single Compound</b> 34694 Effluent Gross Value	RQL = 10		UG/L		COMP24
<b>Pentachlorophenol</b> 39032 Effluent Gross Value	RQL = 30		UG/L		COMP24
<b>Pentachlorobenzene</b> 77793 Effluent Gross Value			UG/L		COMP24
<b>Sulfide-Hydrogen Sulfide(undissociat)</b> *PS07 Effluent Gross Value			UG/L		COMP24
<b>Guthion</b> 39580 Effluent Gross Value			UG/L		COMP24
<b>Lab Certification #</b> 99999 Lab					NOT AP

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# Surface Water Discharge Waste Characterization Report PI 46561

PERMIT NUMBER: NJ0062201      MONITORED LOCATION: 001A SW Outfall 001A      MONITORING PERIOD: 6/1/2007 TO 11/30/2007      FACILITY NAME: CANTON VILLAGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP

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NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:
<b>NJ0062201</b>	Month 6	Day 1	Year 2007	To	Month 6	Day 30	<b>001A - SW Outfall 001A</b>

**PERMITTEE:**  
 LOWER ALLOWAYS CREEK TWP  
 501 LOCUST ISLAND RD  
 HANCOCKS BRIDGE, NJ 08038

**LOCATION OF ACTIVITY:**  
 CANTON VILLAGE STP  
 MAIN ST  
 LOWER ALLOWAYS CREEK TWP, NJ 08079

**REPORT RECIPIENT:**  
 CANTON VILLAGE STP  
 MUNICIPAL BLDG  
 PO BOX 157  
 HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

**CHECK IF APPLICABLE:**     No Discharge this Monitoring Period     Monitoring Report Comments Attached

**WHO MUST SIGN** The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to \$50,000 per violation.

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR \*LICENSED OPERATOR    GRADE AND REGISTRY NUMBER (IF APPLICABLE)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR \*LICENSED OPERATOR    DATE    AREA CODE/PHONE NUMBER

*\*For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6(F)(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE    SIGNATURE    DATE    AREA CODE/PHONE NUMBER

PERMIT NUMBER: NJ0062201      MONITORED LOCATION: 001A SW Outfall 001A      MONITORING PERIOD: 6/1/2007 TO 6/30/2007      FACILITY NAME: CANTON VILLAGE STP

PARAMETER	QUANTITY OR LOADING	UNITS	QUALITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT		*****	*****			
	PERMIT REQUIREMENT	REPORT 01MOAV	*****	*****		Continuous	CONTIN
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	*****	*****			
	QL	*****	*****	*****			
BOD, 5-Day (20 oc)	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****		2/Month	COMP-4
00310 G Raw Sew/Influent	PERMIT REQUIREMENT	*****	*****	*****		2/Month	COMP-4
	QL	*****	*****	*****			
BOD, 5-Day (20 oc)	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	4.8 01MOAV	*****	25 01MOAV		2/Month	COMP-4
00310 1 Effluent Gross Value	PERMIT REQUIREMENT	7.1 01WKAV	*****	37.5 01WKAV			
	QL	*****	*****	*****			
BOD, 5-Day (20 oc)	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****		2/Month	CALCTD
00310 K Percent Removal	PERMIT REQUIREMENT	*****	*****	*****		2/Month	CALCTD
	QL	*****	*****	*****			
pH	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****		1/Day	GRAB
00400 G Raw Sew/Influent	PERMIT REQUIREMENT	*****	*****	*****		1/Day	GRAB
	QL	*****	*****	*****			
pH	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****		1/Day	GRAB
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****		1/Day	GRAB
	QL	*****	*****	*****			

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PERMIT NUMBER: NJ0062201  
 MONITORED LOCATION: 001A SW Outfall 001A  
 MONITORING PERIOD: 6/1/2007 TO 6/30/2007  
 FACILITY NAME: CANTON VILLAGE STP

PARAMETER	QUANTITY OR LOADING	UNITS	QUALITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****			
00530 G Raw Sew/Influent	PERMIT REQUIREMENT	*****	*****	*****			
	QL	*****	*****	*****			
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****			
00530 1 Effluent Gross Value	PERMIT REQUIREMENT	5.7 01MOAV	8.5 01WKAV	*****			
	QL	*****	*****	*****			
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****			
00530 K Percent Removal	PERMIT REQUIREMENT	*****	*****	*****			
	QL	*****	*****	*****			
Oil and Grease	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****			
00556 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****			
	QL	*****	*****	*****			
Nitrogen, Ammonia Total (as N)	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****			
00610 1 Effluent Gross Value	PERMIT REQUIREMENT	6.6 01MOAV	REPORT 01DAMX	*****			
	QL	*****	*****	*****			
Enterococci	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****			
61211 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****			
	QL	*****	*****	*****			

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PERMIT NUMBER: NJ0062201  
 MONITORED LOCATION: 001A SW Outfall 001A  
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 FACILITY NAME: CANTON VILLAGE STP

PARAMETER	QUANTITY OR LOADING	UNITS	QUALITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Coliform, Fecal General 74055 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
LC50 Statre 96hr Acu Mysid Bahia TAN3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
Temperature, oC 00010 G Raw Sew/Influent	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
Oxygen, Dissolved (DO) 00300 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				

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PERMIT NUMBER: NJ0062201  
 MONITORED LOCATION: 001A SW Outfall 001A  
 MONITORING PERIOD: 6/1/2007 TO 6/30/2007  
 FACILITY NAME: CANTON VILLAGE STP

PARAMETER	QUANTITY OR LOADING	UNITS	QUALITY OR CONCENTRATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
1,2-Dichloroethane	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
32103 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	UG/L		1/Quarter	GRAB
	RQL	*****	*****	1.0			
Tetrachloroethylene	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
34475 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	UG/L		1/Quarter	GRAB
	RQL	*****	*****	1.0			
Trichloroethene	SAMPLE MEASUREMENT	*****	*****				
	PERMIT REQUIREMENT	*****	*****				
78391 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	UG/L		1/Quarter	GRAB
	RQL	*****	*****	1.0			
Lab Certification #	SAMPLE MEASUREMENT						
	PERMIT REQUIREMENT						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	OL	*****	*****				

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